

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020681.D
 Acq On : 22 Oct 2021 14:00
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:10 AM

Quant Time: Oct 23 05:27:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:24:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.946	168	104764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	151756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	139952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	73872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	56366	46.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.780%
35) Dibromofluoromethane	7.885	113	47769	48.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.180%
50) Toluene-d8	10.323	98	181288	48.990	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.615	95	67867	49.885	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	13722	24.086	ug/l	100
3) Chloromethane	2.215	50	34230	37.629	ug/l	100
4) Vinyl Chloride	2.355	62	44648	31.386	ug/l	100
5) Bromomethane	2.764	94	24578	21.993	ug/l	100
6) Chloroethane	2.910	64	18647	20.046	ug/l	100
7) Trichlorofluoromethane	3.251	101	31225	37.540	ug/l	100
8) Diethyl Ether	3.678	74	26100	49.298	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.056	101	49755	44.359	ug/l	100
10) Methyl Iodide	4.263	142	65971	43.396	ug/l	100
11) Tert butyl alcohol	5.172	59	19638	318.201	ug/l	100
12) 1,1-Dichloroethene	4.038	96	48400	45.975	ug/l	100
13) Acrolein	3.891	56	16427	336.687	ug/l	100
14) Allyl chloride	4.666	41	81174	54.805	ug/l	100
15) Acrylonitrile	5.367	53	71021	305.112	ug/l	100
16) Acetone	4.123	43	81698	375.251	ug/l	100
17) Carbon Disulfide	4.379	76	144518	45.026	ug/l	100
18) Methyl Acetate	4.672	43	46483	75.294	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	88521	60.355	ug/l	100
20) Methylene Chloride	4.916	84	56363	38.868	ug/l	100
21) trans-1,2-Dichloroethene	5.422	96	54681	45.746	ug/l	100
22) Diisopropyl ether	6.312	45	158843	51.265	ug/l	100
23) Vinyl Acetate	6.257	43	493674	286.559	ug/l	100
24) 1,1-Dichloroethane	6.214	63	98140	45.473	ug/l	100
25) 2-Butanone	7.171	43	101520	338.999	ug/l	100
26) 2,2-Dichloropropane	7.165	77	63723	48.092	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	58090	45.540	ug/l	100
28) Bromochloromethane	7.519	49	41229	48.003	ug/l #	100
29) Tetrahydrofuran	7.531	42	61710	333.372	ug/l	100
30) Chloroform	7.677	83	100123	44.149	ug/l	100
31) Cyclohexane	7.958	56	93247	47.369	ug/l	100
32) 1,1,1-Trichloroethane	7.872	97	85422	46.228	ug/l	100
36) 1,1-Dichloropropene	8.086	75	80936	51.061	ug/l	100
37) Ethyl Acetate	7.251	43	41387	66.425	ug/l	100
38) Carbon Tetrachloride	8.067	117	78789	48.926	ug/l	100
39) Methylcyclohexane	9.335	83	95949	52.501	ug/l	100
40) Benzene	8.323	78	218092	50.074	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020681.D
 Acq On : 22 Oct 2021 14:00
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:10 AM

Quant Time: Oct 23 05:27:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:24:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	25563	71.851	ug/l	100
42) 1,2-Dichloroethane	8.403	62	71233	52.571	ug/l	100
43) Isopropyl Acetate	8.427	43	76448	65.269	ug/l	100
44) Trichloroethene	9.092	130	59490	51.685	ug/l	100
45) 1,2-Dichloropropane	9.372	63	53362	50.388	ug/l	100
46) Dibromomethane	9.457	93	30485	50.786	ug/l	100
47) Bromodichloromethane	9.646	83	73696	49.528	ug/l	100
48) Methyl methacrylate	9.433	41	36312	69.638	ug/l	100
49) 1,4-Dioxane	9.445	88	9161	1189.955	ug/l	100
51) 4-Methyl-2-Pentanone	10.207	43	212967	345.476	ug/l	100
52) Toluene	10.390	92	140718	51.005	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	77965	53.929	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	86774	52.017	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	42649	51.822	ug/l	100
56) Ethyl methacrylate	10.646	69	60240	63.823	ug/l	100
57) 1,3-Dichloropropane	10.933	76	74078	52.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	127605	296.152	ug/l	100
59) 2-Hexanone	10.969	43	156950	374.423	ug/l	100
60) Dibromochloromethane	11.128	129	50161	52.871	ug/l	100
61) 1,2-Dibromoethane	11.238	107	41822	54.042	ug/l	100
64) Tetrachloroethene	10.860	164	52097	53.182	ug/l	100
65) Chlorobenzene	11.658	112	145831	49.018	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	53713	50.570	ug/l	100
67) Ethyl Benzene	11.731	91	273603	52.083	ug/l	100
68) m/p-Xylenes	11.841	106	210569	102.356	ug/l	100
69) o-Xylene	12.164	106	96804	51.484	ug/l	100
70) Styrene	12.183	104	170645	53.322	ug/l	100
71) Bromoform	12.353	173	32894	60.699	ug/l #	100
73) Isopropylbenzene	12.463	105	270217	52.380	ug/l	100
74) N-amyl acetate	12.274	43	72138	64.781	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	52017	53.644	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	42833m	60.059	ug/l	100
77) Bromobenzene	12.743	156	65456	53.864	ug/l	100
78) n-propylbenzene	12.804	91	332777	51.366	ug/l	100
79) 2-Chlorotoluene	12.890	91	189009	50.040	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	234729	51.630	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	17764	60.817	ug/l	100
82) 4-Chlorotoluene	12.987	91	197389	49.927	ug/l	100
83) tert-Butylbenzene	13.207	119	203989	53.167	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	231244	52.113	ug/l	100
85) sec-Butylbenzene	13.384	105	302419	52.233	ug/l	100
86) p-Isopropyltoluene	13.493	119	256142	52.725	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	131704	51.319	ug/l	100
88) 1,4-Dichlorobenzene	13.573	146	127546	50.182	ug/l	100
89) n-Butylbenzene	13.823	91	237993	51.229	ug/l	100
90) Hexachloroethane	14.091	117	42741	46.548	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	113322	51.178	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	9788	60.542	ug/l	100
93) 1,2,4-Trichlorobenzene	15.133	180	75242	54.656	ug/l	100
94) Hexachlorobutadiene	15.231	225	49491	59.818	ug/l	100
95) Naphthalene	15.365	128	148302	61.899	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	69813	57.531	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
Data File : VW020681.D
Acq On : 22 Oct 2021 14:00
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:56:10 AM

Quant Time: Oct 23 05:27:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 05:24:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020681.D
 Acq On : 22 Oct 2021 14:00
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:10 AM

Quant Time: Oct 23 05:27:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:24:19 2021
 Response via : Initial Calibration

