

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015224.D
 Acq On : 20 Apr 2020 15:52
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 10:01:43 AM

Quant Time: Apr 21 07:04:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	181328	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	98758	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	7.88	113	98502	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	10.32	98	411579	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.62	95	159266	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	102712	53.913	ug/l	97
3) Chloromethane	2.21	50	111043	53.523	ug/l	99
4) Vinyl Chloride	2.36	62	132041	53.897	ug/l	100
5) Bromomethane	2.78	94	96180	55.215	ug/l	96
6) Chloroethane	2.92	64	79080	52.038	ug/l	99
7) Trichlorofluoromethane	3.26	101	179982	51.917	ug/l	100
8) Diethyl Ether	3.69	74	50285	51.676	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.07	101	110853	51.853	ug/l	94
10) Methyl Iodide	4.28	142	123420	54.965	ug/l	99
11) Tert butyl alcohol	5.18	59	34694	215.734	ug/l	100
12) 1,1-Dichloroethene	4.04	96	107126	52.060	ug/l	97
13) Acrolein	3.90	56	20478	243.289	ug/l	93
14) Allyl chloride	4.68	41	142457	52.185	ug/l	87
15) Acrylonitrile	5.37	53	93497	252.484	ug/l	98
16) Acetone	4.14	43	83587	242.577	ug/l	93
17) Carbon Disulfide	4.39	76	320376	52.391	ug/l	98
18) Methyl Acetate	4.68	43	44756	49.069	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	247037	52.297	ug/l	96
20) Methylene Chloride	4.92	84	113752	50.371	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	121311	51.981	ug/l	96
22) Diisopropyl ether	6.31	45	274752	52.464	ug/l	92
23) Vinyl Acetate	6.26	43	803327	261.402	ug/l	96
24) 1,1-Dichloroethane	6.22	63	191082	52.648	ug/l	99
25) 2-Butanone	7.17	43	115069	251.702	ug/l #	89
26) 2,2-Dichloropropane	7.17	77	194205	50.861	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	132121	52.439	ug/l	100
28) Bromochloromethane	7.51	49	65646	49.747	ug/l #	77
29) Tetrahydrofuran	7.53	42	72160	253.352	ug/l	90
30) Chloroform	7.68	83	205988	52.586	ug/l	98
31) Cyclohexane	7.96	56	179663	49.246	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	196672	52.021	ug/l	99
36) 1,1-Dichloropropene	8.09	75	164254	53.829	ug/l	98
37) Ethyl Acetate	7.26	43	52110	52.620	ug/l #	97
38) Carbon Tetrachloride	8.07	117	177369	53.191	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015224.D
 Acq On : 20 Apr 2020 15:52
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 10:01:43 AM

Quant Time: Apr 21 07:04:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	215178	52.982	ug/l	98
40) Benzene	8.32	78	440196	54.005	ug/l	97
41) Methacrylonitrile	7.48	41	28749	48.383	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	128349	53.488	ug/l	99
43) Isopropyl Acetate	8.42	43	109628	52.781	ug/l	95
44) Trichloroethene	9.09	130	135289	54.262	ug/l	95
45) 1,2-Dichloropropane	9.37	63	101908	53.762	ug/l	96
46) Dibromomethane	9.46	93	58176	53.057	ug/l #	88
47) Bromodichloromethane	9.65	83	157016	53.567	ug/l	98
48) Methyl methacrylate	9.43	41	51227	52.173	ug/l #	86
49) 1,4-Dioxane	9.46	88	15868	1085.548	ug/l #	82
51) 4-Methyl-2-Pentanone	10.21	43	260836	267.523	ug/l	97
52) Toluene	10.38	92	316015	55.396	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	154824	53.568	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	181344	53.980	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	80614	52.504	ug/l	98
56) Ethyl methacrylate	10.65	69	106880	54.036	ug/l	93
57) 1,3-Dichloropropane	10.93	76	137130	53.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	238434	260.012	ug/l	90
59) 2-Hexanone	10.96	43	182863	262.737	ug/l	97
60) Dibromochloromethane	11.13	129	108083	53.316	ug/l	99
61) 1,2-Dibromoethane	11.23	107	79906	53.336	ug/l	99
64) Tetrachloroethene	10.86	164	122286	53.020	ug/l	94
65) Chlorobenzene	11.66	112	341548	53.861	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	120912	53.051	ug/l	97
67) Ethyl Benzene	11.73	91	630786	53.340	ug/l	99
68) m/p-Xylenes	11.84	106	498964	107.642	ug/l	99
69) o-Xylene	12.16	106	236016	54.549	ug/l	98
70) Styrene	12.18	104	405400	54.968	ug/l	99
71) Bromoform	12.35	173	67201	52.329	ug/l #	96
73) Isopropylbenzene	12.46	105	653835	52.006	ug/l	100
74) N-amyl acetate	12.27	43	112240	51.316	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	88811	49.753	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69870m	49.809	ug/l	
77) Bromobenzene	12.74	156	150248	52.016	ug/l	85
78) n-propylbenzene	12.80	91	767852	52.455	ug/l	96
79) 2-Chlorotoluene	12.89	91	434613	52.684	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	564994	52.169	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	32170	50.132	ug/l	92
82) 4-Chlorotoluene	12.99	91	464290	53.008	ug/l	98
83) tert-Butylbenzene	13.21	119	492810	52.063	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	564064	52.806	ug/l	99
85) sec-Butylbenzene	13.38	105	689689	52.759	ug/l	98
86) p-Isopropyltoluene	13.49	119	640306	52.713	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	304383	53.036	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	301086	53.518	ug/l	98
89) n-Butylbenzene	13.82	91	573520	51.656	ug/l	98
90) Hexachloroethane	14.09	117	114904	51.581	ug/l	75
91) 1,2-Dichlorobenzene	13.87	146	262767	52.688	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16318	50.515	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
Data File : VW015224.D
Acq On : 20 Apr 2020 15:52
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/21/2020 10:01:43 AM

Quant Time: Apr 21 07:04:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	176448	50.901	ug/l	98
94) Hexachlorobutadiene	15.24	225	118655	51.341	ug/l	98
95) Naphthalene	15.36	128	287108	51.488	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	150430	53.336	ug/l	97

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

