

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
 Data File : VW021724.D
 Acq On : 04 Jan 2022 01:39
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010422

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2022
 Supervised By :Semsettin Yesilyurt 01/04/2022

Quant Time: Jan 04 06:20:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 04 06:15:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	127271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	217035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	209322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	112168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	69786	44.971	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.940%		
35) Dibromofluoromethane	7.891	113	65033	46.334	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.660%		
50) Toluene-d8	10.323	98	257086	48.027	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.060%		
62) 4-Bromofluorobenzene	12.621	95	93301	47.527	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	9305	53.255	ug/l	87
3) Chloromethane	2.215	50	54590	45.875	ug/l	100
4) Vinyl Chloride	2.361	62	78736	42.517	ug/l	95
5) Bromomethane	2.782	94	99193	42.520	ug/l	99
6) Chloroethane	2.922	64	44077	39.042	ug/l	100
7) Trichlorofluoromethane	3.263	101	40177	44.988	ug/l	99
8) Diethyl Ether	3.690	74	28266	46.964	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	56306	43.769	ug/l	99
10) Methyl Iodide	4.269	142	83046	45.609	ug/l	97
11) Tert butyl alcohol	5.214	59	15194	236.074	ug/l #	94
12) 1,1-Dichloroethene	4.044	96	56334	46.898	ug/l	86
13) Acrolein	3.904	56	16216	272.786	ug/l	98
14) Allyl chloride	4.678	41	83674	45.095	ug/l	98
15) Acrylonitrile	5.379	53	64311	237.008	ug/l	99
16) Acetone	4.141	43	64079	243.296	ug/l	95
17) Carbon Disulfide	4.385	76	158575	46.706	ug/l	99
18) Methyl Acetate	4.678	43	56184	55.188	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	104868	47.194	ug/l	99
20) Methylene Chloride	4.922	84	70487	44.563	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	67533	44.863	ug/l	99
22) Diisopropyl ether	6.318	45	175533	44.755	ug/l	98
23) Vinyl Acetate	6.263	43	447247	219.712	ug/l	97
24) 1,1-Dichloroethane	6.220	63	114552	43.193	ug/l	97
25) 2-Butanone	7.177	43	89184	248.264	ug/l	99
26) 2,2-Dichloropropane	7.171	77	74653	45.558	ug/l	100
27) cis-1,2-Dichloroethene	7.177	96	75567	45.483	ug/l	97
28) Bromochloromethane	7.519	49	46562	43.292	ug/l	92
29) Tetrahydrofuran	7.543	42	51772	245.600	ug/l	97
30) Chloroform	7.683	83	125650	43.577	ug/l	97
31) Cyclohexane	7.958	56	99698	41.217	ug/l	98
32) 1,1,1-Trichloroethane	7.878	97	107391	44.723	ug/l	99
36) 1,1-Dichloropropene	8.086	75	95677	44.443	ug/l	99
37) Ethyl Acetate	7.257	43	35652	44.307	ug/l	97
38) Carbon Tetrachloride	8.073	117	97659	46.015	ug/l	97
39) Methylcyclohexane	9.335	83	118011	45.346	ug/l	99
40) Benzene	8.323	78	268179	43.939	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
 Data File : VW021724.D
 Acq On : 04 Jan 2022 01:39
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010422

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2022
 Supervised By :Semsettin Yesilyurt 01/04/2022

Quant Time: Jan 04 06:20:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 04 06:15:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	23970	48.719	ug/l	94
42) 1,2-Dichloroethane	8.403	62	85166	44.024	ug/l	98
43) Isopropyl Acetate	8.427	43	69540	44.575	ug/l	100
44) Trichloroethene	9.092	130	75794	46.589	ug/l	89
45) 1,2-Dichloropropane	9.372	63	64028	44.335	ug/l	100
46) Dibromomethane	9.463	93	40638	46.252	ug/l	97
47) Bromodichloromethane	9.646	83	92937	45.103	ug/l	100
48) Methyl methacrylate	9.439	41	36537	49.488	ug/l	98
49) 1,4-Dioxane	9.476	88	9756	1008.326	ug/l #	92
51) 4-Methyl-2-Pentanone	10.213	43	196891	247.873	ug/l	100
52) Toluene	10.390	92	183192	45.658	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	89580	48.116	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	105064	47.413	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	53889	46.878	ug/l	95
56) Ethyl methacrylate	10.646	69	65148	50.029	ug/l	98
57) 1,3-Dichloropropane	10.933	76	90126	45.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	148909	233.319	ug/l	99
59) 2-Hexanone	10.969	43	137848	253.669	ug/l	99
60) Dibromochloromethane	11.134	129	62469	47.680	ug/l	99
61) 1,2-Dibromoethane	11.238	107	54700	49.307	ug/l	98
64) Tetrachloroethene	10.860	164	67034	47.073	ug/l	96
65) Chlorobenzene	11.658	112	194811	44.631	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	69031	45.590	ug/l	98
67) Ethyl Benzene	11.731	91	354268	45.079	ug/l	99
68) m/p-Xylenes	11.841	106	292195	94.065	ug/l	95
69) o-Xylene	12.164	106	137451	46.900	ug/l	100
70) Styrene	12.182	104	227573	46.615	ug/l	99
71) Bromoform	12.353	173	36157	45.765	ug/l #	97
73) Isopropylbenzene	12.463	105	351170	43.267	ug/l	97
74) N-amyl acetate	12.274	43	65161	46.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	60632	45.334	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	48810m	48.051	ug/l	
77) Bromobenzene	12.743	156	82196	44.697	ug/l	98
78) n-propylbenzene	12.804	91	427113	43.556	ug/l	99
79) 2-Chlorotoluene	12.890	91	248520	44.173	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	314426	45.565	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	16620	53.738	ug/l	96
82) 4-Chlorotoluene	12.987	91	255159	43.443	ug/l	97
83) tert-Butylbenzene	13.207	119	274111	45.345	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	310418	45.306	ug/l	98
85) sec-Butylbenzene	13.384	105	403026	44.824	ug/l	98
86) p-Isopropyltoluene	13.493	119	339995	45.418	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	170917	45.192	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	170619	45.171	ug/l	100
89) n-Butylbenzene	13.822	91	310102	44.156	ug/l	99
90) Hexachloroethane	14.091	117	57349	46.706	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	152764	46.908	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	9325	43.363	ug/l	93
93) 1,2,4-Trichlorobenzene	15.133	180	86938	44.821	ug/l	100
94) Hexachlorobutadiene	15.237	225	47787	43.298	ug/l	97
95) Naphthalene	15.365	128	174748	49.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	76981	45.552	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
Data File : VW021724.D
Acq On : 04 Jan 2022 01:39
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW010422

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/04/2022
Supervised By :Semsettin Yesilyurt 01/04/2022

Quant Time: Jan 04 06:20:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010422S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 04 06:15:33 2022
Response via : Initial Calibration

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

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

