

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021730.D
 Acq On : 05 Jan 2022 13:35
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

01/06/2022

Supervised By : Mahesh
 Dadoda

01/07/2022

Quant Time: Jan 05 14:04:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:00:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	149047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	231560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	213353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	117132	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.305	65	64332	47.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.600%
35) Dibromofluoromethane	7.891	113	72510	50.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.323	98	265533	51.008	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.615	95	96754	49.508	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.020%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.014	85	13590	63.267	ug/l	93
3) Chloromethane	2.215	50	54297	47.436	ug/l	98
4) Vinyl Chloride	2.361	62	80888	48.049	ug/l	98
5) Bromomethane	2.776	94	83463	47.386	ug/l	99
6) Chloroethane	2.922	64	41320	46.035	ug/l	97
7) Trichlorofluoromethane	3.263	101	52155	46.359	ug/l	97
8) Diethyl Ether	3.684	74	30002	48.676	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.068	101	68883	46.690	ug/l	97
10) Methyl Iodide	4.269	142	100624	49.644	ug/l	96
11) Tert butyl alcohol	5.202	59	13711	241.358	ug/l #	95
12) 1,1-Dichloroethene	4.044	96	65972	48.941	ug/l	97
13) Acrolein	3.904	56	13423	178.130	ug/l	92
14) Allyl chloride	4.672	41	81350	49.769	ug/l	97
15) Acrylonitrile	5.373	53	59426	282.544	ug/l	98
16) Acetone	4.135	43	60254	242.009	ug/l	99
17) Carbon Disulfide	4.385	76	166653	51.577	ug/l	100
18) Methyl Acetate	4.678	43	37427	45.277	ug/l	93
19) Methyl tert-butyl Ether	5.434	73	101294	49.042	ug/l	94
20) Methylene Chloride	4.922	84	80956	28.588	ug/l	90
21) trans-1,2-Dichloroethene	5.428	96	74716	47.857	ug/l	92
22) Diisopropyl ether	6.318	45	167395	49.616	ug/l	97
23) Vinyl Acetate	6.257	43	448131	262.014	ug/l	96
24) 1,1-Dichloroethane	6.220	63	117336	48.219	ug/l	100
25) 2-Butanone	7.177	43	79732	249.255	ug/l	91
26) 2,2-Dichloropropane	7.171	77	79679	48.881	ug/l	97
27) cis-1,2-Dichloroethene	7.177	96	83204	48.916	ug/l	95
28) Bromochloromethane	7.513	49	44278	45.793	ug/l	90
29) Tetrahydrofuran	7.537	42	45533	238.220	ug/l	95
30) Chloroform	7.677	83	130312	47.431	ug/l	99
31) Cyclohexane	7.958	56	108097	44.893	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	116506	48.759	ug/l	98
36) 1,1-Dichloropropene	8.086	75	102346	49.344	ug/l	99
37) Ethyl Acetate	7.257	43	31861	47.071	ug/l	96
38) Carbon Tetrachloride	8.074	117	113580	52.050	ug/l	95
39) Methylcyclohexane	9.336	83	134754	51.846	ug/l	96
40) Benzene	8.330	78	279223	46.804	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	18840	50.147	ug/l #	86
42) 1,2-Dichloroethane	8.403	62	79277	49.107	ug/l	97
43) Isopropyl Acetate	8.427	43	63986	52.092	ug/l	93
44) Trichloroethene	9.092	130	88765	50.210	ug/l	100
45) 1,2-Dichloropropane	9.372	63	63931	49.818	ug/l	98
46) Dibromomethane	9.464	93	40014	49.829	ug/l	94
47) Bromodichloromethane	9.646	83	92824	51.661	ug/l	96
48) Methyl methacrylate	9.433	41	30140	52.717	ug/l	93
49) 1,4-Dioxane	9.470	88	9427	1014.220	ug/l #	77
51) 4-Methyl-2-Pentanone	10.207	43	169150	255.670	ug/l	96
52) Toluene	10.390	92	191484	50.264	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	86732	55.549	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	103395	54.526	ug/l	89
55) 1,1,2-Trichloroethane	10.787	97	53369	49.800	ug/l	96
56) Ethyl methacrylate	10.646	69	59485	54.985	ug/l	91
57) 1,3-Dichloropropane	10.933	76	87745	49.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	131860	242.918	ug/l	97
59) 2-Hexanone	10.969	43	122385	272.372	ug/l	96
60) Dibromochloromethane	11.128	129	67136	55.245	ug/l	100
61) 1,2-Dibromoethane	11.238	107	54553	52.677	ug/l	99
64) Tetrachloroethene	10.860	164	74883	51.215	ug/l	88
65) Chlorobenzene	11.658	112	217359	50.831	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.725	131	77925	53.365	ug/l	99
67) Ethyl Benzene	11.731	91	375377	51.649	ug/l	97
68) m/p-Xylenes	11.841	106	307327	103.837	ug/l	96
69) o-Xylene	12.164	106	145706	52.784	ug/l	93
70) Styrene	12.176	104	235150	53.265	ug/l	98
71) Bromoform	12.347	173	38401	59.668	ug/l #	98
73) Isopropylbenzene	12.463	105	396409	50.242	ug/l	100
74) N-amyl acetate	12.274	43	61903	52.958	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.713	83	56582	46.932	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	37185m	28.163	ug/l	
77) Bromobenzene	12.743	156	94858	50.144	ug/l	87
78) n-propylbenzene	12.804	91	459591	48.443	ug/l	99
79) 2-Chlorotoluene	12.890	91	255048	47.134	ug/l	95
80) 1,3,5-Trimethylbenzene	12.939	105	337837	49.553	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	14735	52.473	ug/l	97
82) 4-Chlorotoluene	12.987	91	267772	47.534	ug/l	95
83) tert-Butylbenzene	13.201	119	303491	49.743	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	331341	49.266	ug/l	96
85) sec-Butylbenzene	13.384	105	438868	49.102	ug/l	97
86) p-Isopropyltoluene	13.493	119	375048	50.434	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	189306	49.256	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	192797	48.822	ug/l	99
89) n-Butylbenzene	13.823	91	332189	48.695	ug/l	96
90) Hexachloroethane	14.091	117	60170	51.135	ug/l	86
91) 1,2-Dichlorobenzene	13.865	146	168323	48.667	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	8313	44.850	ug/l	89
93) 1,2,4-Trichlorobenzene	15.127	180	103152	48.281	ug/l	98
94) Hexachlorobutadiene	15.231	225	60674	46.079	ug/l	98
95) Naphthalene	15.365	128	182346	52.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	87953	48.588	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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