

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021733.D
 Acq On : 05 Jan 2022 15:41
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW010522

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2022
 Supervised By :Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 05:50:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	147550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	235560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	218943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	116589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	68858	52.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.900%			
35) Dibromofluoromethane	7.884	113	78086	53.261	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.520%			
50) Toluene-d8	10.323	98	282697	53.276	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.560%			
62) 4-Bromofluorobenzene	12.615	95	105381	53.503	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	15432	52.011	ug/l	92
3) Chloromethane	2.215	50	54537	50.603	ug/l	99
4) Vinyl Chloride	2.361	62	77327	47.975	ug/l	98
5) Bromomethane	2.776	94	100663	60.983	ug/l	99
6) Chloroethane	2.922	64	40931	45.908	ug/l	94
7) Trichlorofluoromethane	3.257	101	49333	46.156	ug/l	99
8) Diethyl Ether	3.684	74	31295	51.833	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.062	101	69716	49.091	ug/l	97
10) Methyl Iodide	4.269	142	105354	52.502	ug/l	100
11) Tert butyl alcohol	5.208	59	15582	272.531	ug/l #	89
12) 1,1-Dichloroethene	4.044	96	65028	49.494	ug/l	94
13) Acrolein	3.897	56	14971	256.565	ug/l	93
14) Allyl chloride	4.665	41	82312	51.036	ug/l	95
15) Acrylonitrile	5.373	53	60824	258.010	ug/l	98
16) Acetone	4.141	43	60650	246.985	ug/l	99
17) Carbon Disulfide	4.379	76	167055	51.267	ug/l	99
18) Methyl Acetate	4.672	43	38257	48.239	ug/l	92
19) Methyl tert-butyl Ether	5.421	73	105313	52.555	ug/l	94
20) Methylene Chloride	4.915	84	87462	56.149	ug/l	89
21) trans-1,2-Dichloroethene	5.428	96	76376	50.543	ug/l	89
22) Diisopropyl ether	6.312	45	174258	52.685	ug/l	96
23) Vinyl Acetate	6.257	43	461122	266.667	ug/l	94
24) 1,1-Dichloroethane	6.220	63	119216	50.613	ug/l	99
25) 2-Butanone	7.177	43	79385	251.831	ug/l	90
26) 2,2-Dichloropropane	7.165	77	80089	50.350	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	85540	51.734	ug/l	94
28) Bromochloromethane	7.513	49	46708	50.692	ug/l	87
29) Tetrahydrofuran	7.537	42	46736	251.373	ug/l	92
30) Chloroform	7.677	83	134291	50.690	ug/l	99
31) Cyclohexane	7.958	56	104959	46.403	ug/l	93
32) 1,1,1-Trichloroethane	7.872	97	117256	50.316	ug/l	98
36) 1,1-Dichloropropene	8.086	75	101083	48.511	ug/l	98
37) Ethyl Acetate	7.256	43	33973	49.410	ug/l	98
38) Carbon Tetrachloride	8.067	117	109819	48.792	ug/l	100
39) Methylcyclohexane	9.335	83	129515	48.788	ug/l	96
40) Benzene	8.323	78	289860	48.914	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	17930	45.511	ug/l #	79
42) 1,2-Dichloroethane	8.397	62	79998	49.451	ug/l	97
43) Isopropyl Acetate	8.421	43	65515	51.029	ug/l	91
44) Trichloroethene	9.092	130	89171	49.487	ug/l	98
45) 1,2-Dichloropropane	9.366	63	65406	50.374	ug/l	96
46) Dibromomethane	9.457	93	40710	49.880	ug/l	96
47) Bromodichloromethane	9.646	83	97862	52.585	ug/l	97
48) Methyl methacrylate	9.433	41	30829	50.989	ug/l	90
49) 1,4-Dioxane	9.470	88	10032	1041.540	ug/l #	77
51) 4-Methyl-2-Pentanone	10.207	43	171125	250.987	ug/l	95
52) Toluene	10.390	92	195367	50.330	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	90952	53.861	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	108391	53.785	ug/l #	89
55) 1,1,2-Trichloroethane	10.786	97	54911	50.257	ug/l	94
56) Ethyl methacrylate	10.646	69	62151	53.073	ug/l #	88
57) 1,3-Dichloropropane	10.933	76	90993	50.520	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	135554	241.608	ug/l	98
59) 2-Hexanone	10.969	43	121158	257.316	ug/l	94
60) Dibromochloromethane	11.128	129	70547	53.701	ug/l	98
61) 1,2-Dibromoethane	11.237	107	56729	52.435	ug/l	98
64) Tetrachloroethene	10.860	164	81040	53.652	ug/l #	81
65) Chlorobenzene	11.658	112	226080	51.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	79991	52.017	ug/l	98
67) Ethyl Benzene	11.731	91	376794	50.469	ug/l	97
68) m/p-Xylenes	11.841	106	322519	105.207	ug/l	93
69) o-Xylene	12.164	106	149803	51.792	ug/l	95
70) Styrene	12.176	104	244714	52.483	ug/l	97
71) Bromoform	12.347	173	41155	48.683	ug/l #	94
73) Isopropylbenzene	12.463	105	402499	50.495	ug/l	99
74) N-amyl acetate	12.268	43	62852	52.023	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	59115	49.604	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	46035m	53.382	ug/l	
77) Bromobenzene	12.743	156	95898	49.994	ug/l	90
78) n-propylbenzene	12.804	91	468672	49.708	ug/l	98
79) 2-Chlorotoluene	12.890	91	265553	49.767	ug/l	95
80) 1,3,5-Trimethylbenzene	12.938	105	342648	50.412	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	15892	52.287	ug/l	98
82) 4-Chlorotoluene	12.987	91	280907	50.602	ug/l	95
83) tert-Butylbenzene	13.207	119	313754	51.146	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	340074	51.103	ug/l	96
85) sec-Butylbenzene	13.383	105	443297	49.782	ug/l	96
86) p-Isopropyltoluene	13.499	119	382934	51.370	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	199151	51.795	ug/l	97
88) 1,4-Dichlorobenzene	13.572	146	194405	49.593	ug/l	97
89) n-Butylbenzene	13.822	91	341075	50.459	ug/l	98
90) Hexachloroethane	14.091	117	63873	52.322	ug/l	90
91) 1,2-Dichlorobenzene	13.865	146	178063	51.828	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	8767	47.350	ug/l	93
93) 1,2,4-Trichlorobenzene	15.133	180	111344	51.148	ug/l	97
94) Hexachlorobutadiene	15.231	225	65816	50.874	ug/l	100
95) Naphthalene	15.359	128	195506	54.035	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	94805	51.826	ug/l	97

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

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