

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021728.D
 Acq On : 05 Jan 2022 12:47
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 13:28:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 12:42:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	124822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	202945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	189389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	94106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	10636	9.199	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.400%#		
35) Dibromofluoromethane	7.884	113	11834	9.296	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.600%#		
50) Toluene-d8	10.323	98	41670	8.925	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	17.860%#		
62) 4-Bromofluorobenzene	12.615	95	17022	9.776	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.560%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	1762	7.763	ug/l	77
3) Chloromethane	2.215	50	9374	13.045	ug/l	94
4) Vinyl Chloride	2.361	62	14664	11.589	ug/l	99
5) Bromomethane	2.776	94	15742	19.329	ug/l	98
6) Chloroethane	2.922	64	7826	16.047	ug/l	96
7) Trichlorofluoromethane	3.257	101	9777	18.631	ug/l	99
8) Diethyl Ether	3.684	74	5055	9.172	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.068	101	13219	12.211	ug/l	96
10) Methyl Iodide	4.275	142	17929	10.980	ug/l	99
11) Tert butyl alcohol	5.196	59	3624m	35.576	ug/l	
12) 1,1-Dichloroethene	4.044	96	11784	11.108	ug/l	95
13) Acrolein	3.903	56	3200	181.615	ug/l	98
14) Allyl chloride	4.672	41	13931	9.147	ug/l	97
15) Acrylonitrile	5.379	53	9634	40.401	ug/l	95
16) Acetone	4.135	43	10769	44.806	ug/l	97
17) Carbon Disulfide	4.385	76	27326	9.374	ug/l	96
18) Methyl Acetate	4.678	43	6262	7.467	ug/l #	80
19) Methyl tert-butyl Ether	5.434	73	17655	9.658	ug/l	93
20) Methylene Chloride	4.909	84	25712	19.153	ug/l	88
21) trans-1,2-Dichloroethene	5.440	96	13076	10.828	ug/l	86
22) Diisopropyl ether	6.311	45	29905	9.570	ug/l	92
23) Vinyl Acetate	6.263	43	71493	39.095	ug/l #	92
24) 1,1-Dichloroethane	6.214	63	21293	10.710	ug/l	98
25) 2-Butanone	7.177	43	13441	39.375	ug/l	96
26) 2,2-Dichloropropane	7.165	77	14163	10.040	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	14528	10.769	ug/l	95
28) Bromochloromethane	7.519	49	7984	9.490	ug/l	93
29) Tetrahydrofuran	7.537	42	8121	39.229	ug/l	98
30) Chloroform	7.683	83	24244	11.084	ug/l	97
31) Cyclohexane	7.951	56	21207	10.995	ug/l #	92
32) 1,1,1-Trichloroethane	7.872	97	21105	11.428	ug/l	99
36) 1,1-Dichloropropene	8.086	75	18769	10.295	ug/l	99
37) Ethyl Acetate	7.263	43	5913	7.110	ug/l	95
38) Carbon Tetrachloride	8.067	117	19486	10.047	ug/l	99
39) Methylcyclohexane	9.341	83	23136	10.107	ug/l	91
40) Benzene	8.323	78	56753	10.918	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.494	41	3094	6.978	ug/l #	78
42) 1,2-Dichloroethane	8.403	62	14050	8.910	ug/l	97
43) Isopropyl Acetate	8.427	43	10823	6.632	ug/l	92
44) Trichloroethene	9.098	130	15513	10.228	ug/l	99
45) 1,2-Dichloropropane	9.366	63	11235	9.385	ug/l	99
46) Dibromomethane	9.457	93	6995	9.222	ug/l	96
47) Bromodichloromethane	9.646	83	15508	8.642	ug/l	94
48) Methyl methacrylate	9.439	41	4893	6.740	ug/l	93
49) 1,4-Dioxane	9.469	88	1705	156.000	ug/l #	76
51) 4-Methyl-2-Pentanone	10.207	43	29498	35.499	ug/l	99
52) Toluene	10.390	92	34410	10.298	ug/l	100
53) t-1,3-Dichloropropene	10.609	75	13194	7.405	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	16182	8.025	ug/l	94
55) 1,1,2-Trichloroethane	10.792	97	9393	9.237	ug/l	94
56) Ethyl methacrylate	10.646	69	9019	6.965	ug/l	96
57) 1,3-Dichloropropane	10.933	76	15709	9.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	22700	34.833	ug/l	97
59) 2-Hexanone	10.969	43	19299	33.386	ug/l	94
60) Dibromochloromethane	11.128	129	10426	8.133	ug/l	99
61) 1,2-Dibromoethane	11.231	107	8784	8.706	ug/l	94
64) Tetrachloroethene	10.866	164	13614	9.676	ug/l #	81
65) Chlorobenzene	11.658	112	38800	10.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	12907	9.116	ug/l	96
67) Ethyl Benzene	11.731	91	65735	9.838	ug/l	96
68) m/p-Xylenes	11.835	106	53904	19.954	ug/l	95
69) o-Xylene	12.164	106	24238	9.568	ug/l	96
70) Styrene	12.182	104	38675	9.090	ug/l	98
71) Bromoform	12.347	173	5193	6.346	ug/l #	98
73) Isopropylbenzene	12.463	105	66470	10.336	ug/l	100
74) N-amyl acetate	12.274	43	9216	6.017	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.713	83	10144	9.042	ug/l	94
76) 1,2,3-Trichloropropane	12.762	75	7837m	9.269	ug/l	
77) Bromobenzene	12.749	156	15841	10.141	ug/l	93
78) n-propylbenzene	12.804	91	80132	10.579	ug/l	98
79) 2-Chlorotoluene	12.890	91	45827	10.468	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	56287	10.207	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.512	75	2072	5.765	ug/l	86
82) 4-Chlorotoluene	12.987	91	47179	10.163	ug/l	94
83) tert-Butylbenzene	13.200	119	50619	10.270	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	56594	10.392	ug/l	100
85) sec-Butylbenzene	13.377	105	75520	10.647	ug/l	99
86) p-Isopropyltoluene	13.493	119	62207	10.173	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	31382	9.913	ug/l	95
88) 1,4-Dichlorobenzene	13.578	146	32817	10.316	ug/l	95
89) n-Butylbenzene	13.816	91	58651	10.682	ug/l	100
90) Hexachloroethane	14.091	117	9717	8.438	ug/l	79
91) 1,2-Dichlorobenzene	13.865	146	28414	10.217	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1529	7.761	ug/l	84
93) 1,2,4-Trichlorobenzene	15.127	180	18567	9.369	ug/l	97
94) Hexachlorobutadiene	15.231	225	10739	9.555	ug/l	100
95) Naphthalene	15.359	128	28326	7.712	ug/l	97
96) 1,2,3-Trichlorobenzene	15.548	180	14889	8.520	ug/l	96

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

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