

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110121\
 Data File : VW020735.D
 Acq On : 01 Nov 2021 15:18
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021

Quant Time: Nov 02 04:17:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 02 04:15:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	34480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	58614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	53074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	27693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	4030	12.102	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	24.200%#		
35) Dibromofluoromethane	7.884	113	4052	11.667	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	23.340%#		
50) Toluene-d8	10.323	98	14558	11.319	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	22.640%#		
62) 4-Bromofluorobenzene	12.615	95	4823	10.004	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	20.000%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	797	9.312	ug/l	87
3) Chloromethane	2.215	50	2062	9.987	ug/l	93
4) Vinyl Chloride	2.355	62	3890	14.544	ug/l	97
5) Bromomethane	2.763	94	3088	22.989	ug/l	97
6) Chloroethane	2.910	64	1493	18.522	ug/l	93
7) Trichlorofluoromethane	3.251	101	1208	10.503	ug/l #	83
8) Diethyl Ether	3.684	74	1243	8.939	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.062	101	3092	10.976	ug/l	99
10) Methyl Iodide	4.269	142	3740	11.528	ug/l	98
11) Tert butyl alcohol	5.190	59	603m	33.622	ug/l	
12) 1,1-Dichloroethene	4.031	96	2879	10.576	ug/l #	84
13) Acrolein	3.903	56	259m	34.908	ug/l	
14) Allyl chloride	4.665	41	1994	5.241	ug/l	93
15) Acrylonitrile	5.379	53	2318	36.045	ug/l	97
16) Acetone	4.117	43	2065	28.820	ug/l #	88
17) Carbon Disulfide	4.379	76	6728	9.077	ug/l #	93
18) Methyl Acetate	4.665	43	1589	6.841	ug/l #	70
19) Methyl tert-butyl Ether	5.427	73	2919	7.976	ug/l #	85
20) Methylene Chloride	4.921	84	4673	12.819	ug/l #	89
21) trans-1,2-Dichloroethene	5.421	96	3139	10.278	ug/l	88
22) Diisopropyl ether	6.305	45	5308	6.500	ug/l	94
23) Vinyl Acetate	6.257	43	13656	30.478	ug/l	97
24) 1,1-Dichloroethane	6.214	63	4836	8.895	ug/l	95
25) 2-Butanone	7.171	43	2728	31.258	ug/l	88
26) 2,2-Dichloropropane	7.159	77	2814	9.229	ug/l	95
27) cis-1,2-Dichloroethene	7.171	96	3342	10.018	ug/l	97
28) Bromochloromethane	7.512	49	1987	7.950	ug/l #	97
29) Tetrahydrofuran	7.525	42	1576	29.995	ug/l	96
30) Chloroform	7.677	83	6104	10.441	ug/l	95
31) Cyclohexane	7.951	56	4409	8.107	ug/l #	94
32) 1,1,1-Trichloroethane	7.866	97	4832	10.706	ug/l	95
36) 1,1-Dichloropropene	8.086	75	4208	8.153	ug/l	94
37) Ethyl Acetate	7.263	43	1177	5.507	ug/l #	92
38) Carbon Tetrachloride	8.067	117	4411	9.064	ug/l #	95
39) Methylcyclohexane	9.335	83	4538	7.240	ug/l	95
40) Benzene	8.323	78	12393	8.358	ug/l	98

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41) Methacrylonitrile	7.488	41	530	4.261	ug/l #	92
42) 1,2-Dichloroethane	8.396	62	3672	8.135	ug/l	97
43) Isopropyl Acetate	8.421	43	2252	5.521	ug/l #	80
44) Trichloroethene	9.091	130	3608	9.106	ug/l	86
45) 1,2-Dichloropropane	9.366	63	2613	7.574	ug/l #	84
46) Dibromomethane	9.457	93	1966	9.995	ug/l	90
47) Bromodichloromethane	9.640	83	4275	8.685	ug/l	92
48) Methyl methacrylate	9.427	41	1088	5.471	ug/l	92
49) 1,4-Dioxane	9.445	88	382	143.405	ug/l #	87
51) 4-Methyl-2-Pentanone	10.207	43	6236	28.893	ug/l	100
52) Toluene	10.390	92	7575	8.307	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	3825	7.840	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	4330	7.759	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	2628	9.566	ug/l	97
56) Ethyl methacrylate	10.646	69	2280	6.843	ug/l	99
57) 1,3-Dichloropropane	10.933	76	3859	8.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	6176	39.367	ug/l	100
59) 2-Hexanone	10.969	43	4272	28.068	ug/l	92
60) Dibromochloromethane	11.128	129	3085	9.350	ug/l	96
61) 1,2-Dibromoethane	11.231	107	2501	9.388	ug/l	99
64) Tetrachloroethene	10.866	164	3119	9.230	ug/l	92
65) Chlorobenzene	11.658	112	9161	9.472	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	3196	9.017	ug/l	92
67) Ethyl Benzene	11.731	91	14108	8.187	ug/l	100
68) m/p-Xylenes	11.841	106	12180	18.156	ug/l	96
69) o-Xylene	12.164	106	5491	8.845	ug/l	93
70) Styrene	12.182	104	9080	8.528	ug/l	98
71) Bromoform	12.347	173	1810	9.213	ug/l #	98
73) Isopropylbenzene	12.463	105	14004	8.447	ug/l	99
74) N-amyl acetate	12.268	43	2194	6.045	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	2981	9.940	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	2220m	9.399	ug/l	
77) Bromobenzene	12.743	156	3733	9.172	ug/l	94
78) n-propylbenzene	12.804	91	17964	8.821	ug/l	100
79) 2-Chlorotoluene	12.890	91	10333	8.823	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	12927	8.971	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.505	75	716	7.571	ug/l #	84
82) 4-Chlorotoluene	12.987	91	10704	8.585	ug/l	96
83) tert-Butylbenzene	13.207	119	11014	8.931	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	12042	8.395	ug/l	95
85) sec-Butylbenzene	13.377	105	16960	9.158	ug/l	97
86) p-Isopropyltoluene	13.499	119	13595	8.664	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	8250	9.898	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	8268	10.041	ug/l	98
89) n-Butylbenzene	13.822	91	12562	8.537	ug/l	98
90) Hexachloroethane	14.091	117	2815	9.703	ug/l	93
91) 1,2-Dichlorobenzene	13.865	146	7244	10.049	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	456	8.615	ug/l	89
93) 1,2,4-Trichlorobenzene	15.127	180	4162	8.356	ug/l	99
94) Hexachlorobutadiene	15.225	225	2444	7.802	ug/l	95
95) Naphthalene	15.365	128	7181	8.477	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	3772	8.476	ug/l	99

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

