

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020827.D
 Acq On : 10 Nov 2021 11:14
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Nov 11 01:38:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:36:54 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	80805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	114916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	101799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	55283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	6791	7.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	14.840%#		
35) Dibromofluoromethane	7.878	113	6523	8.319	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	16.640%#		
50) Toluene-d8	10.323	98	25612	8.588	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	17.180%#		
62) 4-Bromofluorobenzene	12.615	95	9067	8.226	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	16.460%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	1429	6.027	ug/l	84
3) Chloromethane	2.215	50	4230	7.477	ug/l	93
4) Vinyl Chloride	2.355	62	6316	8.845	ug/l	98
5) Bromomethane	2.763	94	4807	11.103	ug/l	91
6) Chloroethane	2.910	64	2719	9.182	ug/l	99
7) Trichlorofluoromethane	3.251	101	3173	7.916	ug/l	92
8) Diethyl Ether	3.678	74	2637	6.669	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.050	101	5820	7.168	ug/l	93
10) Methyl Iodide	4.269	142	7615	7.789	ug/l	100
11) Tert butyl alcohol	5.165	59	2701	51.859	ug/l #	86
12) 1,1-Dichloroethene	4.038	96	5652	7.413	ug/l #	90
13) Acrolein	3.891	56	1161	46.246	ug/l	89
14) Allyl chloride	4.665	41	7780	6.514	ug/l	94
15) Acrylonitrile	5.360	53	7982	40.436	ug/l	99
16) Acetone	4.123	43	7414	34.243	ug/l	96
17) Carbon Disulfide	4.379	76	15252	7.073	ug/l	100
18) Methyl Acetate	4.672	43	6043	8.908	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	8190	6.540	ug/l	91
20) Methylene Chloride	4.915	84	7885	7.983	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	5974	7.088	ug/l	96
22) Diisopropyl ether	6.311	45	14810	6.053	ug/l #	95
23) Vinyl Acetate	6.257	43	47986	34.336	ug/l	98
24) 1,1-Dichloroethane	6.220	63	9836	6.275	ug/l	97
25) 2-Butanone	7.171	43	11441	42.247	ug/l	100
26) 2,2-Dichloropropane	7.171	77	6816	6.824	ug/l	97
27) cis-1,2-Dichloroethene	7.171	96	6609	7.081	ug/l	91
28) Bromochloromethane	7.513	49	5476	8.336	ug/l #	90
29) Tetrahydrofuran	7.537	42	7477	45.014	ug/l	97
30) Chloroform	7.677	83	10419	6.400	ug/l	95
31) Cyclohexane	7.958	56	11793	7.701	ug/l #	93
32) 1,1,1-Trichloroethane	7.866	97	9460	7.083	ug/l	98
36) 1,1-Dichloropropene	8.079	75	9118	7.474	ug/l	98
37) Ethyl Acetate	7.250	43	4815	8.557	ug/l	98
38) Carbon Tetrachloride	8.067	117	9013	7.477	ug/l	100
39) Methylcyclohexane	9.335	83	11439	7.913	ug/l	93
40) Benzene	8.323	78	23816	6.902	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	2557	7.939	ug/l #	83
42) 1,2-Dichloroethane	8.396	62	7142	6.693	ug/l	99
43) Isopropyl Acetate	8.421	43	8686	8.200	ug/l	98
44) Trichloroethene	9.091	130	6931	7.534	ug/l	91
45) 1,2-Dichloropropane	9.372	63	5331	6.498	ug/l	95
46) Dibromomethane	9.463	93	3398	7.413	ug/l	98
47) Bromodichloromethane	9.646	83	7876	6.869	ug/l	98
48) Methyl methacrylate	9.439	41	4043	8.059	ug/l	98
49) 1,4-Dioxane	9.451	88	1311	219.829	ug/l #	87
51) 4-Methyl-2-Pentanone	10.207	43	23687	42.245	ug/l	99
52) Toluene	10.384	92	14789	6.891	ug/l	97
53) t-1,3-Dichloropropene	10.603	75	7885	6.852	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	8862	6.755	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	4466	7.050	ug/l	93
56) Ethyl methacrylate	10.646	69	6198	7.660	ug/l	96
57) 1,3-Dichloropropane	10.933	76	7556	6.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	18000	46.861	ug/l	97
59) 2-Hexanone	10.969	43	17282	43.088	ug/l	99
60) Dibromochloromethane	11.128	129	5628	7.382	ug/l	99
61) 1,2-Dibromoethane	11.237	107	4660	7.623	ug/l	100
64) Tetrachloroethene	10.859	164	6061	7.771	ug/l	96
65) Chlorobenzene	11.658	112	16314	7.304	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.725	131	5654	7.035	ug/l	97
67) Ethyl Benzene	11.731	91	29266	7.293	ug/l	98
68) m/p-Xylenes	11.835	106	23346	15.013	ug/l	93
69) o-Xylene	12.164	106	10622	7.416	ug/l	94
70) Styrene	12.176	104	17915	7.227	ug/l	98
71) Bromoform	12.347	173	3947	8.535	ug/l #	96
73) Isopropylbenzene	12.463	105	30117	7.488	ug/l	97
74) N-amyl acetate	12.274	43	7679	7.895	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	5787	7.713	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	4085m	6.989	ug/l	
77) Bromobenzene	12.743	156	7255	7.471	ug/l	91
78) n-propylbenzene	12.804	91	36299	7.318	ug/l	98
79) 2-Chlorotoluene	12.890	91	20141	7.068	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	25130	7.239	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	1949	8.072	ug/l	95
82) 4-Chlorotoluene	12.987	91	20408	6.807	ug/l	95
83) tert-Butylbenzene	13.201	119	23709	7.855	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	24852	7.236	ug/l	98
85) sec-Butylbenzene	13.383	105	33662	7.534	ug/l	97
86) p-Isopropyltoluene	13.493	119	28974	7.574	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	14384	7.305	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	14421	7.428	ug/l	97
89) n-Butylbenzene	13.822	91	26657	7.454	ug/l	98
90) Hexachloroethane	14.091	117	5411	7.919	ug/l	97
91) 1,2-Dichlorobenzene	13.865	146	12199	7.088	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	1255	9.190	ug/l	88
93) 1,2,4-Trichlorobenzene	15.127	180	9681	7.980	ug/l	94
94) Hexachlorobutadiene	15.231	225	6395	8.324	ug/l	95
95) Naphthalene	15.359	128	19864	9.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	8359	7.958	ug/l	96

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

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