

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020946.D
 Acq On : 22 Nov 2021 19:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2021
 Supervised By :Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 02:27:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	76769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	114144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	101961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	54629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	34421	48.405	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.800%		
35) Dibromofluoromethane	7.885	113	33997	47.483	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.960%		
50) Toluene-d8	10.323	98	129233	49.215	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.420%		
62) 4-Bromofluorobenzene	12.615	95	48057	49.072	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	12481	65.657	ug/l	94
3) Chloromethane	2.209	50	24064	54.451	ug/l	98
4) Vinyl Chloride	2.361	62	43798	56.282	ug/l	96
5) Bromomethane	2.770	94	33390	66.661	ug/l	100
6) Chloroethane	2.922	64	21107	70.368	ug/l	94
7) Trichlorofluoromethane	3.257	101	21636	67.037	ug/l	94
8) Diethyl Ether	3.684	74	18058	53.272	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.062	101	38353	57.603	ug/l	97
10) Methyl Iodide	4.275	142	56817	56.577	ug/l	99
11) Tert butyl alcohol	5.172	59	12197	194.685	ug/l #	85
12) 1,1-Dichloroethene	4.038	96	36125	55.369	ug/l	93
13) Acrolein	3.897	56	2364	209.235	ug/l	99
14) Allyl chloride	4.666	41	51415	54.889	ug/l	99
15) Acrylonitrile	5.373	53	36969	252.073	ug/l	99
16) Acetone	4.123	43	36473	246.740	ug/l	96
17) Carbon Disulfide	4.385	76	95596	53.320	ug/l	99
18) Methyl Acetate	4.678	43	24419	47.342	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	60006	53.372	ug/l	99
20) Methylene Chloride	4.916	84	37598	52.795	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	39862	53.671	ug/l	97
22) Diisopropyl ether	6.312	45	102276	53.215	ug/l	98
23) Vinyl Acetate	6.257	43	296441	263.575	ug/l	99
24) 1,1-Dichloroethane	6.214	63	65869	53.870	ug/l	98
25) 2-Butanone	7.171	43	49488	235.720	ug/l	98
26) 2,2-Dichloropropane	7.165	77	47107	54.295	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	44400	53.513	ug/l	99
28) Bromochloromethane	7.513	49	23742	45.886	ug/l	98
29) Tetrahydrofuran	7.531	42	31503	247.434	ug/l	99
30) Chloroform	7.677	83	72715	54.054	ug/l	97
31) Cyclohexane	7.958	56	60202	50.747	ug/l	99
32) 1,1,1-Trichloroethane	7.872	97	63124	55.574	ug/l	99
36) 1,1-Dichloropropene	8.086	75	55105	53.739	ug/l	100
37) Ethyl Acetate	7.251	43	22508	48.122	ug/l	99
38) Carbon Tetrachloride	8.074	117	60594	55.549	ug/l	98
39) Methylcyclohexane	9.336	83	68867	53.490	ug/l	96
40) Benzene	8.324	78	150884	51.606	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	12262	49.169	ug/l	89
42) 1,2-Dichloroethane	8.403	62	47376	53.417	ug/l	99
43) Isopropyl Acetate	8.421	43	46580	50.745	ug/l	99
44) Trichloroethene	9.098	130	46222	54.184	ug/l	94
45) 1,2-Dichloropropane	9.366	63	35762	53.112	ug/l	98
46) Dibromomethane	9.457	93	22511	52.768	ug/l	97
47) Bromodichloromethane	9.646	83	53813	53.316	ug/l	96
48) Methyl methacrylate	9.433	41	21435	52.493	ug/l	97
49) 1,4-Dioxane	9.451	88	5610	912.615	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	114983	246.028	ug/l	100
52) Toluene	10.384	92	102339	54.453	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	53154	53.041	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	61326	54.076	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	29812	52.124	ug/l	93
56) Ethyl methacrylate	10.646	69	38089	52.299	ug/l	99
57) 1,3-Dichloropropane	10.933	76	48967	50.851	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.921	63	85060	232.070	ug/l	99
59) 2-Hexanone	10.969	43	80976	249.068	ug/l	99
60) Dibromochloromethane	11.128	129	38613	53.551	ug/l	100
61) 1,2-Dibromoethane	11.238	107	30575	53.880	ug/l	98
64) Tetrachloroethene	10.860	164	41744	55.107	ug/l	85
65) Chlorobenzene	11.658	112	110737	54.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	42494	55.751	ug/l	99
67) Ethyl Benzene	11.731	91	203865	56.670	ug/l	97
68) m/p-Xylenes	11.835	106	159572	109.720	ug/l	99
69) o-Xylene	12.164	106	74200	54.408	ug/l	98
70) Styrene	12.176	104	127348	55.599	ug/l	98
71) Bromoform	12.347	173	23407	53.127	ug/l #	99
73) Isopropylbenzene	12.463	105	206453	55.303	ug/l	98
74) N-amyl acetate	12.268	43	46157	51.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	32606	50.064	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	26089m	53.153	ug/l	
77) Bromobenzene	12.743	156	50451	55.639	ug/l	96
78) n-propylbenzene	12.798	91	242499	55.152	ug/l	98
79) 2-Chlorotoluene	12.890	91	137346	54.047	ug/l	99
80) 1,3,5-Trimethylbenzene	12.939	105	175022	54.672	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	10295	49.339	ug/l	99
82) 4-Chlorotoluene	12.987	91	143089	53.095	ug/l	97
83) tert-Butylbenzene	13.201	119	155690	54.413	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	172975	54.717	ug/l	98
85) sec-Butylbenzene	13.384	105	230133	55.890	ug/l	100
86) p-Isopropyltoluene	13.493	119	199438	56.183	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	100874	54.891	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	98159	53.154	ug/l	96
89) n-Butylbenzene	13.823	91	185276	58.128	ug/l	99
90) Hexachloroethane	14.091	117	36113	54.019	ug/l	89
91) 1,2-Dichlorobenzene	13.865	146	89115	55.197	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	5994	52.409	ug/l	95
93) 1,2,4-Trichlorobenzene	15.133	180	61080	53.093	ug/l	97
94) Hexachlorobutadiene	15.231	225	35471	54.369	ug/l	99
95) Naphthalene	15.365	128	112856	52.928	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	55922	55.125	ug/l	97

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

