

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071422\
 Data File : VW023743.D
 Acq On : 15 Jul 2022 11:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/18/2022
 Supervised By :Mahesh Dadoda 07/18/2022

Quant Time: Jul 15 22:06:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 15 06:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	185562	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	195086	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	111750	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	130928	27.625	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.520%			
7) Chloroethane-d5	2.879	69	91195	28.843	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.360%			
11) 1,1-Dichloroethene-d2	4.019	63	88592	22.955	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.840%			
21) 2-Butanone-d5	7.074	46	29811	40.552	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.100%			
24) Chloroform-d	7.647	84	126442	23.404	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.600%			
26) 1,2-Dichloroethane-d4	8.305	65	75908	22.973	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.880%			
32) Benzene-d6	8.275	84	244017	24.062	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.240%			
36) 1,2-Dichloropropane-d6	9.275	67	71860	23.524	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.080%			
41) Toluene-d8	10.323	98	248149	24.124	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.480%			
43) trans-1,3-Dichloroprop...	10.579	79	32256	22.527	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.120%			
47) 2-Hexanone-d5	10.927	63	27732	43.173	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.340%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	74913	22.191	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.760%			
66) 1,2-Dichlorobenzene-d4	13.847	152	90735	22.745	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	24054	19.075	ug/L	100
3) Chloromethane	2.215	50	71673	23.210	ug/L	99
5) Vinyl chloride	2.355	62	137113	25.857	ug/L	97
6) Bromomethane	2.770	94	84925	24.760	ug/L	100
8) Chloroethane	2.916	64	67811	27.334	ug/L	97
9) Trichlorofluoromethane	3.251	101	70155	29.105	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	52629	22.310	ug/L	94
12) 1,1-Dichloroethene	4.044	96	42940m	21.830	ug/L	
13) Acetone	4.123	43	21433	41.237	ug/L	99
14) Carbon disulfide	4.379	76	118198	20.427	ug/L	97
15) Methyl Acetate	4.678	43	23397	20.114	ug/L #	82
16) Methylene chloride	4.922	84	59659	20.560	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	52468	21.985	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	83267	22.552	ug/L	98
19) 1,1-Dichloroethane	6.208	63	103130	23.426	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	59972	22.682	ug/L #	97
22) 2-Butanone	7.171	43	34719	40.648	ug/L	100
23) Bromochloromethane	7.513	128	28960	22.801	ug/L	97
25) Chloroform	7.677	83	117505	23.169	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	85172	22.818	ug/L	100
29) Cyclohexane	7.958	56	81621	22.876	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	96422	22.827	ug/L	97
31) Carbon tetrachloride	8.067	117	85792	22.531	ug/L	95
33) Benzene	8.317	78	252817	22.805	ug/L	100
34) Trichloroethene	9.092	95	64238	21.943	ug/L	94
35) Methylcyclohexane	9.336	83	101845	22.846	ug/L	98
37) 1,2-Dichloropropane	9.366	63	62581	22.516	ug/L	100
38) Bromodichloromethane	9.640	83	90999	23.459	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	96804	23.108	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	88148	45.576	ug/L	99
42) Toluene	10.384	91	298799	23.633	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	95115	23.888	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	54274	22.333	ug/L	97
46) Tetrachloroethene	10.860	164	54407	24.035	ug/L	96
48) 2-Hexanone	10.963	43	65413	46.453	ug/L	98
49) Dibromochloromethane	11.128	129	64065	22.732	ug/L	98
50) 1,2-Dibromoethane	11.232	107	51693	22.140	ug/L #	99
51) Chlorobenzene	11.658	112	195264	22.899	ug/L	97
52) Ethylbenzene	11.731	91	343800	23.929	ug/L	96
53) m,p-Xylene	11.835	106	133695	23.850	ug/L	100
54) o-Xylene	12.164	106	130400	24.223	ug/L	94
55) Styrene	12.176	104	238977	25.128	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	74626	22.512	ug/L	97
59) Bromoform	12.347	173	36186	21.960	ug/L #	99
60) Isopropylbenzene	12.463	105	368186	24.527	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	51685	21.093	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	302492	24.613	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	306233	24.922	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	154098	22.609	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	164112	22.633	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	151920	23.634	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	11569	20.470	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	104240	23.107	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	85704	24.603	ug/L	98
71) Naphthalene	15.365	128	174615	23.368	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	78243	24.098	ug/L	96

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

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