

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011222\
 Data File : VW021875.D
 Acq On : 12 Jan 2022 18:54
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Quant Time: Jan 12 23:53:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 23:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	150213	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	147543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	87716	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	73546	26.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.360%	
7) Chloroethane-d5	2.879	69	55022	21.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 87.280%	
11) 1,1-Dichloroethene-d2	4.019	63	107377	24.361	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.440%	
21) 2-Butanone-d5	7.086	46	23902	60.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.300%	
24) Chloroform-d	7.647	84	127209	26.214	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.840%	
26) 1,2-Dichloroethane-d4	8.305	65	61666	26.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.240%	
32) Benzene-d6	8.275	84	251689	26.290	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.160%	
36) 1,2-Dichloropropane-d6	9.274	67	66641	26.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.640%	
41) Toluene-d8	10.323	98	257241	26.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.600%	
43) trans-1,3-Dichloroprop...	10.579	79	29202	27.257	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 109.040%	
47) 2-Hexanone-d5	10.921	63	22455	65.581	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 131.160%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	54967	27.857	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.440%	
66) 1,2-Dichlorobenzene-d4	13.847	152	97117	26.926	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	20143	34.015	ug/L	94
3) Chloromethane	2.209	50	49887	23.235	ug/L	98
5) Vinyl chloride	2.355	62	69871	22.653	ug/L	97
6) Bromomethane	2.776	94	51827	23.764	ug/L	96
8) Chloroethane	2.916	64	36502	19.582	ug/L	97
9) Trichlorofluoromethane	3.257	101	44637	19.475	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	58920	23.616	ug/L	# 78
12) 1,1-Dichloroethene	4.038	96	53037	23.655	ug/L	81
13) Acetone	4.147	43	14469	44.442	ug/L	89
14) Carbon disulfide	4.379	76	131044	22.324	ug/L	100
15) Methyl Acetate	4.678	43	16737	25.435	ug/L	# 85
16) Methylene chloride	4.909	84	52835	20.552	ug/L	80
17) trans-1,2-Dichloroethene	5.421	96	56936	23.500	ug/L	79
18) Methyl tert-butyl Ether	5.421	73	78156	25.297	ug/L	# 90
19) 1,1-Dichloroethane	6.214	63	87958	24.755	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	62475	25.067	ug/L	68
22) 2-Butanone	7.183	43	22069	53.031	ug/L	79
23) Bromochloromethane	7.513	128	30197	24.350	ug/L	# 60
25) Chloroform	7.677	83	100192	23.833	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	59114	24.282	ug/L #	92
29) Cyclohexane	7.958	56	81108	24.573	ug/L #	77
30) 1,1,1-Trichloroethane	7.872	97	91530	23.933	ug/L #	92
31) Carbon tetrachloride	8.067	117	87424	23.590	ug/L	96
33) Benzene	8.323	78	213867	23.639	ug/L	100
34) Trichloroethene	9.092	95	63221	24.086	ug/L	85
35) Methylcyclohexane	9.335	83	102609	23.772	ug/L #	82
37) 1,2-Dichloropropane	9.366	63	48898	24.809	ug/L #	95
38) Bromodichloromethane	9.646	83	68334	24.836	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	79327	25.902	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	49286	53.233	ug/L #	85
42) Toluene	10.384	91	251743	24.810	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	68499	26.723	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	41933	25.059	ug/L	91
46) Tetrachloroethene	10.860	164	59889	23.074	ug/L	96
48) 2-Hexanone	10.969	43	36624	57.814	ug/L #	89
49) Dibromochloromethane	11.128	129	53553	25.399	ug/L	94
50) 1,2-Dibromoethane	11.231	107	40930	24.641	ug/L #	90
51) Chlorobenzene	11.658	112	177442	24.767	ug/L #	88
52) Ethylbenzene	11.725	91	281537	24.977	ug/L	92
53) m,p-Xylene	11.835	106	118766	25.197	ug/L	84
54) o-Xylene	12.164	106	110029	25.145	ug/L	93
55) Styrene	12.176	104	185862	25.728	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	45604	25.329	ug/L #	90
59) Bromoform	12.347	173	30010	25.094	ug/L	98
60) Isopropylbenzene	12.463	105	303481	25.407	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	33199	26.484	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	263291	26.618	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	259026	26.552	ug/L	93
64) 1,3-Dichlorobenzene	13.493	146	149966	24.971	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	145951	24.614	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	130240	24.769	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6545	27.037	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	112592	25.225	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	89959	25.293	ug/L	95
71) Naphthalene	15.359	128	151979	27.701	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	74703	25.435	ug/L	99

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

