

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011922\
 Data File : VW021995.D
 Acq On : 19 Jan 2022 08:45
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025546

Quant Time: Jan 20 00:20:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 19 00:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	115106	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	114665	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65394	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	42526	19.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
7) Chloroethane-d5	2.885	69	33921	17.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.240%
11) 1,1-Dichloroethene-d2	4.025	63	78733	23.310	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.240%
21) 2-Butanone-d5	7.086	46	18233	60.380	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.760%
24) Chloroform-d	7.653	84	91925	24.720	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.880%
26) 1,2-Dichloroethane-d4	8.311	65	45116	25.124	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.480%
32) Benzene-d6	8.275	84	174206	23.414	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.274	67	47232	24.085	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.320%
41) Toluene-d8	10.323	98	170587	22.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.960%
43) trans-1,3-Dichloroprop...	10.579	79	20107	24.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	10.927	63	15792	59.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40591	26.470	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	64456	23.971	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	7224	15.920	ug/L	92
3) Chloromethane	2.215	50	34366	20.888	ug/L	99
5) Vinyl chloride	2.361	62	52258	22.111	ug/L	97
6) Bromomethane	2.782	94	35852	21.453	ug/L	94
8) Chloroethane	2.922	64	27969	19.581	ug/L	93
9) Trichlorofluoromethane	3.269	101	46415	26.427	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	45655	23.881	ug/L	92
12) 1,1-Dichloroethene	4.044	96	41473	24.139	ug/L	79
13) Acetone	4.135	43	14242	57.086	ug/L	85
14) Carbon disulfide	4.391	76	105019	23.347	ug/L	98
15) Methyl Acetate	4.678	43	13127	26.034	ug/L	# 84
16) Methylene chloride	4.915	84	41637	21.136	ug/L	80
17) trans-1,2-Dichloroethene	5.434	96	44350	23.889	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	59489	25.127	ug/L	# 91
19) 1,1-Dichloroethane	6.220	63	70540	25.908	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	47980	25.122	ug/L	69
22) 2-Butanone	7.183	43	19023	59.653	ug/L	78
23) Bromochloromethane	7.519	128	23299	24.518	ug/L	# 61
25) Chloroform	7.677	83	81993	25.452	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	48566	26.034	ug/L	97
29) Cyclohexane	7.958	56	63989	24.945	ug/L #	77
30) 1,1,1-Trichloroethane	7.878	97	74532	25.077	ug/L #	92
31) Carbon tetrachloride	8.067	117	70325	24.417	ug/L	98
33) Benzene	8.323	78	171565	24.401	ug/L	100
34) Trichloroethene	9.091	95	49376	24.205	ug/L	94
35) Methylcyclohexane	9.335	83	82983	24.738	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	38839	25.356	ug/L #	95
38) Bromodichloromethane	9.646	83	54081	25.292	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	62445	26.236	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	39861	55.398	ug/L #	88
42) Toluene	10.390	91	197737	25.075	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	52934	26.572	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	33132	25.477	ug/L	96
46) Tetrachloroethene	10.866	164	46543	23.074	ug/L	92
48) 2-Hexanone	10.969	43	27883	56.636	ug/L #	85
49) Dibromochloromethane	11.128	129	41952	25.602	ug/L	89
50) 1,2-Dibromoethane	11.237	107	33457	25.917	ug/L #	98
51) Chlorobenzene	11.658	112	135269	24.294	ug/L	91
52) Ethylbenzene	11.731	91	222062	25.349	ug/L	97
53) m,p-Xylene	11.841	106	92428	25.232	ug/L	83
54) o-Xylene	12.164	106	88223	25.942	ug/L	89
55) Styrene	12.182	104	143026	25.475	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	36677	26.212	ug/L #	95
59) Bromoform	12.353	173	23731	26.617	ug/L	98
60) Isopropylbenzene	12.463	105	237400	26.659	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	26533	28.391	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	198306	26.892	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	195138	26.831	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	111574	24.920	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	106502	24.092	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	96261	24.556	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4935	27.345	ug/L #	59
69) 1,3,5-Trichlorobenzene	14.627	180	79285	23.826	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	60855	22.951	ug/L	99
71) Naphthalene	15.365	128	104192	25.474	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	50559	23.090	ug/L	98

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

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