

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
 Data File : VW021767.D
 Acq On : 06 Jan 2022 19:08
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

Quant Time: Jan 07 00:24:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 04 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	151388	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	152867	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88123	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	64651	21.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.640%
7) Chloroethane-d5	2.891	69	45931	22.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	4.019	63	101967	23.344	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.360%
21) 2-Butanone-d5	7.086	46	23934	54.807	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.620%
24) Chloroform-d	7.653	84	120792	25.543	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.160%
26) 1,2-Dichloroethane-d4	8.305	65	58190	23.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	8.274	84	238839	26.313	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.240%
36) 1,2-Dichloropropane-d6	9.274	67	65213	26.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.920%
41) Toluene-d8	10.323	98	238272	26.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	10.579	79	26973	22.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	10.926	63	21629	57.919	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.840%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	52474	25.849	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	95954	28.474	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	17453	19.442	ug/L	96
3) Chloromethane	2.215	50	46126	19.894	ug/L	96
5) Vinyl chloride	2.361	62	65964	19.290	ug/L	98
6) Bromomethane	2.782	94	47829	21.496	ug/L	95
8) Chloroethane	2.922	64	32227	19.777	ug/L	98
9) Trichlorofluoromethane	3.263	101	41811	20.322	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	54816	21.876	ug/L	88
12) 1,1-Dichloroethene	4.043	96	49227	21.965	ug/L	83
13) Acetone	4.135	43	15751	42.480	ug/L	87
14) Carbon disulfide	4.385	76	129575	19.979	ug/L	99
15) Methyl Acetate	4.684	43	15769	22.290	ug/L	# 84
16) Methylene chloride	4.921	84	52222	19.323	ug/L	81
17) trans-1,2-Dichloroethene	5.434	96	54102	22.851	ug/L	80
18) Methyl tert-butyl Ether	5.434	73	75420	22.878	ug/L	# 80
19) 1,1-Dichloroethane	6.220	63	83160	22.514	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	58195	23.679	ug/L	68
22) 2-Butanone	7.177	43	21291	42.238	ug/L	86
23) Bromochloromethane	7.519	128	28181	23.722	ug/L	# 58
25) Chloroform	7.677	83	94703	22.226	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	55306	20.012	ug/L #	90
29) Cyclohexane	7.957	56	77003	21.782	ug/L #	76
30) 1,1,1-Trichloroethane	7.872	97	85419	21.178	ug/L #	92
31) Carbon tetrachloride	8.073	117	81910	20.884	ug/L	98
33) Benzene	8.323	78	205458	22.028	ug/L	100
34) Trichloroethene	9.091	95	59184	22.352	ug/L	88
35) Methylcyclohexane	9.335	83	97629	22.348	ug/L #	81
37) 1,2-Dichloropropane	9.372	63	45012	21.775	ug/L #	95
38) Bromodichloromethane	9.646	83	63395	20.093	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	74083	21.935	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	46377	40.728	ug/L #	86
42) Toluene	10.390	91	238846	22.183	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	62923	20.736	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	38593	22.478	ug/L	95
46) Tetrachloroethene	10.859	164	55099	22.221	ug/L	98
48) 2-Hexanone	10.969	43	32563	42.109	ug/L #	87
49) Dibromochloromethane	11.128	129	48563	21.052	ug/L	100
50) 1,2-Dibromoethane	11.231	107	39458	22.883	ug/L #	100
51) Chlorobenzene	11.658	112	161841	23.296	ug/L	91
52) Ethylbenzene	11.731	91	263556	21.807	ug/L	93
53) m,p-Xylene	11.841	106	110827	22.885	ug/L	83
54) o-Xylene	12.164	106	105772	23.044	ug/L	83
55) Styrene	12.182	104	174682	22.160	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.713	83	41210	21.698	ug/L #	95
59) Bromoform	12.347	173	28692	22.309	ug/L	95
60) Isopropylbenzene	12.463	105	289148	23.538	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	29977	22.230	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.944	105	246701	23.754	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	244685	23.719	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	140566	24.236	ug/L	89
65) 1,4-Dichlorobenzene	13.578	146	136487	23.600	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	121527	23.999	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	5874	19.783	ug/L #	55
69) 1,3,5-Trichlorobenzene	14.627	180	101436	23.808	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	82293	24.197	ug/L	94
71) Naphthalene	15.359	128	162698	29.403	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	61676	21.544	ug/L	94

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

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