

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020922\
 Data File : VW022076.D
 Acq On : 09 Feb 2022 08:52
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556

Quant Time: Feb 10 04:50:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 01:57:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	154420	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	141673	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	76009	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41219	22.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
7) Chloroethane-d5	2.885	69	32244	22.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.080%
11) 1,1-Dichloroethene-d2	4.019	63	71791	21.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.400%
21) 2-Butanone-d5	7.080	46	14860	45.042	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.080%
24) Chloroform-d	7.647	84	86384	24.044	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.160%
26) 1,2-Dichloroethane-d4	8.305	65	42127	23.568	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.280%
32) Benzene-d6	8.275	84	163255	22.803	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	9.274	67	44507	22.855	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.400%
41) Toluene-d8	10.323	98	160310	22.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.360%
43) trans-1,3-Dichloroprop...	10.579	79	18874	22.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.520%
47) 2-Hexanone-d5	10.920	63	13286	46.927	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.860%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	38829	24.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	58976	21.508	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	6911	19.214	ug/L	92
3) Chloromethane	2.215	50	35322	21.766	ug/L	98
5) Vinyl chloride	2.361	62	52461	22.507	ug/L	97
6) Bromomethane	2.782	94	35823	18.074	ug/L	98
8) Chloroethane	2.922	64	27703	23.130	ug/L	98
9) Trichlorofluoromethane	3.263	101	38841	22.074	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	42275	22.676	ug/L	96
12) 1,1-Dichloroethene	4.037	96	38841	22.575	ug/L	95
13) Acetone	4.135	43	12430	40.341	ug/L	97
14) Carbon disulfide	4.379	76	103954	20.714	ug/L	98
15) Methyl Acetate	4.678	43	12158	21.578	ug/L	# 86
16) Methylene chloride	4.909	84	39914	22.182	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	43303	22.570	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	53972	21.939	ug/L	100
19) 1,1-Dichloroethane	6.214	63	69719	23.454	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	46438	23.587	ug/L	99
22) 2-Butanone	7.177	43	17819	44.666	ug/L	97
23) Bromochloromethane	7.519	128	22239	22.940	ug/L	92
25) Chloroform	7.671	83	80128	23.815	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	48429	24.452	ug/L	99
29) Cyclohexane	7.958	56	60278	21.675	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	70831	22.592	ug/L	99
31) Carbon tetrachloride	8.067	117	67931	22.136	ug/L	96
33) Benzene	8.323	78	171143	23.040	ug/L	100
34) Trichloroethene	9.091	95	48984	23.194	ug/L	92
35) Methylcyclohexane	9.335	83	77600	21.780	ug/L	99
37) 1,2-Dichloropropane	9.366	63	39005	23.908	ug/L	98
38) Bromodichloromethane	9.646	83	56902	24.423	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	62185	23.765	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	36937	46.146	ug/L	98
42) Toluene	10.390	91	196207	23.303	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	53762	23.834	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	31867	22.981	ug/L	97
46) Tetrachloroethene	10.866	164	43017	21.852	ug/L	95
48) 2-Hexanone	10.969	43	30243	50.762	ug/L	96
49) Dibromochloromethane	11.128	129	40202	23.023	ug/L	96
50) 1,2-Dibromoethane	11.237	107	30855	22.475	ug/L	92
51) Chlorobenzene	11.658	112	130559	22.784	ug/L	97
52) Ethylbenzene	11.731	91	219196	23.595	ug/L	100
53) m,p-Xylene	11.841	106	92186	23.917	ug/L	96
54) o-Xylene	12.164	106	84671	23.483	ug/L	93
55) Styrene	12.176	104	144471	24.805	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	35521	23.534	ug/L	97
59) Bromoform	12.347	173	22004	21.919	ug/L #	96
60) Isopropylbenzene	12.463	105	233791	23.542	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	26080	23.553	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	158384	24.048	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	194562	24.247	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	108478	22.799	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	110263	23.152	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	95150	22.501	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5089	22.590	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	74089	21.658	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	60903	22.414	ug/L	96
71) Naphthalene	15.359	128	96822	21.840	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	49084	21.135	ug/L	99

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

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