

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
 Data File : VW025159.D
 Acq On : 22 Dec 2022 15:43
 Operator : SY/MD
 Sample : N6171-04MS
 Misc : 4.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBQC3MS

Quant Time: Dec 23 00:46:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 00:42:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	304181	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	199062	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50752	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	103558	29.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.120%	
7) Chloroethane-d5	2.879	69	71532	31.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.360%	
11) 1,1-Dichloroethene-d2	4.019	63	212305	27.637	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.560%#	
21) 2-Butanone-d5	7.074	46	102679	116.639	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 233.280%#	
24) Chloroform-d	7.647	84	244760	31.172	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 124.680%	
26) 1,2-Dichloroethane-d4	8.305	65	144037	36.174	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 144.680%#	
32) Benzene-d6	8.275	84	442445	37.900	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 151.600%#	
36) 1,2-Dichloropropane-d6	9.274	67	143764	42.324	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 169.280%#	
41) Toluene-d8	10.323	98	345471	32.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 130.560%#	
43) trans-1,3-Dichloroprop...	10.573	79	57280	39.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 159.680%#	
47) 2-Hexanone-d5	10.920	63	80058	160.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 321.280%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	130241	51.923	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 207.680%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	47390	27.549	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 110.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	53168	28.841	ug/L	93
3) Chloromethane	2.215	50	91002	28.035	ug/L	100
5) Vinyl chloride	2.361	62	117731	28.993	ug/L	100
6) Bromomethane	2.776	94	59483	28.270	ug/L	98
8) Chloroethane	2.916	64	55380	29.486	ug/L	99
9) Trichlorofluoromethane	3.257	101	84128	27.645	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	106747	26.556	ug/L	98
12) 1,1-Dichloroethene	4.038	96	104836	27.355	ug/L	97
13) Acetone	4.117	43	79351	87.690	ug/L	97
14) Carbon disulfide	4.385	76	275370	22.508	ug/L	99
15) Methyl Acetate	4.672	43	71219	48.219	ug/L	98
16) Methylene chloride	4.922	84	131402	27.639	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	104331	25.680	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	226969	37.651	ug/L	100
19) 1,1-Dichloroethane	6.214	63	213780	29.122	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	122269	28.462	ug/L	96
22) 2-Butanone	7.171	43	104018	91.369	ug/L	97
23) Bromochloromethane	7.513	128	59144	32.535	ug/L	95
25) Chloroform	7.677	83	218211	29.374	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	159800	34.166	ug/L	99
29) Cyclohexane	7.958	56	155212	30.792	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	175739	37.399	ug/L	99
31) Carbon tetrachloride	8.067	117	147383	34.111	ug/L	100
33) Benzene	8.323	78	436553	35.402	ug/L	100
34) Trichloroethene	9.091	95	100537	31.125	ug/L	95
35) Methylcyclohexane	9.335	83	121867	21.270	ug/L	98
37) 1,2-Dichloropropane	9.366	63	116922	39.312	ug/L	98
38) Bromodichloromethane	9.640	83	157285	40.030	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	170787	37.581	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	219928	144.248	ug/L	99
42) Toluene	10.384	91	388256	30.050	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	149646	38.451	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	100417	47.311	ug/L	93
46) Tetrachloroethene	10.859	164	63559	27.030	ug/L	95
48) 2-Hexanone	10.963	43	148392	133.249	ug/L	98
49) Dibromochloromethane	11.128	129	104831	41.125	ug/L	91
50) 1,2-Dibromoethane	11.231	107	91486	46.296	ug/L	97
51) Chlorobenzene	11.658	112	192155	23.239	ug/L	96
52) Ethylbenzene	11.725	91	359219	24.534	ug/L	97
53) m,p-Xylene	11.835	106	123924	22.163	ug/L	97
54) o-Xylene	12.164	106	125062	23.468	ug/L	95
55) Styrene	12.176	104	162567	18.014	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	121109	48.791	ug/L	99
59) Bromoform	12.347	173	58434	83.843	ug/L	97
60) Isopropylbenzene	12.463	105	313705	40.325	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	92969	95.303	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	208906	31.350	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	183886	28.405	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	68543	21.522	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	71330	22.240	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	72128	25.969	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19749	86.830	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	27329	12.085	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	18932	10.434	ug/L	96
71) Naphthalene	15.359	128	52718	14.821	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	18095	11.380	ug/L	99

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

