

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022324\
 Data File : VW028052.D
 Acq On : 23 Feb 2024 13:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

Quant Time: Feb 23 22:31:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 21 23:34:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	248685	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233810	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	124793	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50308	17.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.080%
7) Chloroethane-d5	2.899	69	49310	22.320	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	4.021	65	23754	19.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.240%
21) 2-Butanone-d5	7.075	46	30841	68.147	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.300%#
24) Chloroform-d	7.648	84	142645	24.531	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.120%
26) 1,2-Dichloroethane-d4	8.307	65	70004	26.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.640%
32) Benzene-d6	8.270	84	272267	21.765	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.040%
36) 1,2-Dichloropropane-d6	9.270	67	77692	22.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.640%
41) Toluene-d8	10.319	98	263240	21.993	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.960%
43) trans-1,3-Dichloroprop...	10.575	79	33437	23.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.880%
47) 2-Hexanone-d5	10.922	63	29480	63.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74428	29.359	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.440%
66) 1,2-Dichlorobenzene-d4	13.849	152	103171	24.324	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	43967	20.530	ug/L	90
3) Chloromethane	2.223	50	45400	19.304	ug/L	99
5) Vinyl chloride	2.375	62	64807	20.330	ug/L	96
6) Bromomethane	2.790	94	50867	22.584	ug/L	94
8) Chloroethane	2.930	64	41778	23.196	ug/L	95
9) Trichlorofluoromethane	3.265	101	60152	20.763	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	68082	23.315	ug/L	96
12) 1,1-Dichloroethene	4.051	96	61387	22.598	ug/L	89
13) Acetone	4.119	43	24963	56.725	ug/L	96
14) Carbon disulfide	4.393	76	151939	18.893	ug/L	98
15) Methyl Acetate	4.673	43	21804	29.762	ug/L	96
16) Methylene chloride	4.917	84	69005	22.200	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	66903	22.923	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	92944	26.863	ug/L	100
19) 1,1-Dichloroethane	6.216	63	119528	25.210	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	77941	25.290	ug/L	99
22) 2-Butanone	7.167	43	32377	63.735	ug/L	97
23) Bromochloromethane	7.508	128	36321	26.531	ug/L	87
25) Chloroform	7.673	83	134106	26.311	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	81044	28.553	ug/L	95
29) Cyclohexane	7.953	56	88044	21.127	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	109898	24.349	ug/L	99
31) Carbon tetrachloride	8.069	117	102027	24.434	ug/L	99
33) Benzene	8.325	78	276160	23.648	ug/L	100
34) Trichloroethene	9.093	95	77123	23.005	ug/L	95
35) Methylcyclohexane	9.337	83	120257	21.799	ug/L	98
37) 1,2-Dichloropropane	9.368	63	67347	24.542	ug/L	100
38) Bromodichloromethane	9.642	83	97840	26.711	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	109763	24.955	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	65070	62.824	ug/L	99
42) Toluene	10.386	91	313812	23.967	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	93027	26.647	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	59628	27.452	ug/L	99
46) Tetrachloroethene	10.855	164	65610	23.259	ug/L	95
48) 2-Hexanone	10.965	43	47700	60.802	ug/L	99
49) Dibromochloromethane	11.123	129	67591	27.295	ug/L	89
50) 1,2-Dibromoethane	11.233	107	55499	27.374	ug/L	94
51) Chlorobenzene	11.654	112	207487	23.826	ug/L	96
52) Ethylbenzene	11.727	91	355230	24.063	ug/L	99
53) m,p-Xylene	11.837	106	137057	23.673	ug/L	95
54) o-Xylene	12.160	106	132825	24.462	ug/L	97
55) Styrene	12.178	104	233386	25.805	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	68495	29.448	ug/L	97
59) Bromoform	12.343	173	40835	27.724	ug/L	96
60) Isopropylbenzene	12.459	105	381096	24.458	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	47812	28.708	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	308097	24.709	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	311463	25.527	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	180705	25.246	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	177136	24.339	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	154889	24.499	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	10119	30.603	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	122338	23.802	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	106362	25.626	ug/L	95
71) Naphthalene	15.354	128	194750	30.195	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	93374	26.964	ug/L	95

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

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