

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029393.D
 Acq On : 28 Jun 2024 12:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Jun 29 02:01:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 27 05:32:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	252303	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	236511	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	117169	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	65018	18.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.480%
7) Chloroethane-d5	2.893	69	55977	18.981	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.920%
11) 1,1-Dichloroethene-d2	4.021	65	32588	19.327	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.320%
21) 2-Butanone-d5	7.069	46	42456	40.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.280%
24) Chloroform-d	7.648	84	171403	22.774	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.080%
26) 1,2-Dichloroethane-d4	8.301	65	93126	21.551	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	8.270	84	315144	21.937	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.760%
36) 1,2-Dichloropropane-d6	9.270	67	102229	22.386	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	10.319	98	285981	22.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	10.575	79	38667	21.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.040%
47) 2-Hexanone-d5	10.922	63	28894	40.363	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77705	21.380	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	92504	22.745	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	49194	19.985	ug/L	99
3) Chloromethane	2.216	50	67354	19.190	ug/L	97
5) Vinyl chloride	2.369	62	88234	21.891	ug/L	99
6) Bromomethane	2.790	94	51885	21.418	ug/L	95
8) Chloroethane	2.936	64	57298	23.242	ug/L	98
9) Trichlorofluoromethane	3.271	101	80952	25.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	83827	24.330	ug/L	95
12) 1,1-Dichloroethene	4.039	96	73681	25.203	ug/L	87
13) Acetone	4.125	43	40346	45.440	ug/L	97
14) Carbon disulfide	4.387	76	212890	22.308	ug/L	100
15) Methyl Acetate	4.667	43	37787	21.437	ug/L	99
16) Methylene chloride	4.917	84	94611	21.326	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	80001	24.641	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	122417	23.568	ug/L	98
19) 1,1-Dichloroethane	6.216	63	177181	25.268	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	91269	25.493	ug/L	98
22) 2-Butanone	7.167	43	50140	41.195	ug/L	99
23) Bromochloromethane	7.514	128	39101	24.534	ug/L	93
25) Chloroform	7.673	83	171794	25.090	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118283	23.423	ug/L	100
29) Cyclohexane	7.953	56	136835	25.308	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	140345	26.685	ug/L	96
31) Carbon tetrachloride	8.063	117	123904	25.790	ug/L	99
33) Benzene	8.325	78	368223	25.911	ug/L	100
34) Trichloroethene	9.087	95	96306	25.402	ug/L	94
35) Methylcyclohexane	9.331	83	155907	26.147	ug/L	98
37) 1,2-Dichloropropane	9.368	63	102511	25.672	ug/L	99
38) Bromodichloromethane	9.642	83	123017	25.197	ug/L #	99
39) cis-1,3-Dichloropropene	10.069	75	143824	25.480	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	108398	43.797	ug/L	99
42) Toluene	10.386	91	394088	26.975	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	119040	24.976	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	66521	23.919	ug/L	97
46) Tetrachloroethene	10.861	164	67695	25.542	ug/L	95
48) 2-Hexanone	10.965	43	78876	44.913	ug/L	99
49) Dibromochloromethane	11.123	129	73978	25.447	ug/L	93
50) 1,2-Dibromoethane	11.233	107	58158	23.296	ug/L	96
51) Chlorobenzene	11.654	112	243774	25.696	ug/L	98
52) Ethylbenzene	11.727	91	449917	27.131	ug/L	99
53) m,p-Xylene	11.837	106	162570	26.839	ug/L	91
54) o-Xylene	12.160	106	152803	26.992	ug/L	97
55) Styrene	12.178	104	272637	27.621	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	77886	22.640	ug/L	98
59) Bromoform	12.343	173	36699	22.853	ug/L	95
60) Isopropylbenzene	12.459	105	431684	27.650	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	56600	22.147	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	326725	28.896	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	353346	29.045	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	186130	27.549	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	186629	25.962	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	162935	26.086	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	11608	19.464	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	120299	26.383	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	97827	26.466	ug/L	95
71) Naphthalene	15.360	128	169661	23.256	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	83619	24.828	ug/L	96

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

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