

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073024\
 Data File : VW029794.D
 Acq On : 30 Jul 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025561

Quant Time: Jul 31 01:55:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 30 06:26:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	249818	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	231547	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114057	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	62185	17.534	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.120%
7) Chloroethane-d5	2.899	69	50195	19.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.280%
11) 1,1-Dichloroethene-d2	4.021	65	30413	18.786	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.160%
21) 2-Butanone-d5	7.075	46	39847	40.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.980%
24) Chloroform-d	7.648	84	150344	23.248	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.301	65	82932	22.515	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.040%
32) Benzene-d6	8.270	84	274177	21.915	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	9.270	67	87996	22.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.120%
41) Toluene-d8	10.319	98	246118	22.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.480%
43) trans-1,3-Dichloroprop...	10.575	79	34401	21.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.120%
47) 2-Hexanone-d5	10.922	63	26753	40.614	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.220%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	65981	22.244	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	74925	21.156	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79911	23.731	ug/L	95
3) Chloromethane	2.222	50	103995	24.958	ug/L	98
5) Vinyl chloride	2.375	62	117510	25.168	ug/L	98
6) Bromomethane	2.783	94	65016	25.359	ug/L	96
8) Chloroethane	2.930	64	68728	25.876	ug/L	96
9) Trichlorofluoromethane	3.265	101	95415	25.585	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	95403	25.685	ug/L	96
12) 1,1-Dichloroethene	4.039	96	87388	25.606	ug/L	96
13) Acetone	4.125	43	68221	56.473	ug/L	100
14) Carbon disulfide	4.393	76	294024	25.888	ug/L	98
15) Methyl Acetate	4.667	43	48047	23.879	ug/L	99
16) Methylene chloride	4.917	84	100449	19.234	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	93156	25.330	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	144924	23.909	ug/L	98
19) 1,1-Dichloroethane	6.222	63	197949	25.520	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	99938	25.051	ug/L	97
22) 2-Butanone	7.167	43	78738	50.869	ug/L	100
23) Bromochloromethane	7.508	128	43632	25.763	ug/L	92
25) Chloroform	7.673	83	192113	26.288	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135999	25.536	ug/L	100
29) Cyclohexane	7.953	56	168382	25.589	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	149397	25.479	ug/L	100
31) Carbon tetrachloride	8.063	117	137920	26.104	ug/L	96
33) Benzene	8.319	78	417687	26.328	ug/L	100
34) Trichloroethene	9.093	95	105993	25.485	ug/L	98
35) Methylcyclohexane	9.331	83	180412	26.033	ug/L	97
37) 1,2-Dichloropropane	9.368	63	113591	26.127	ug/L	99
38) Bromodichloromethane	9.642	83	133518	25.789	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	161071	25.439	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	137119	49.653	ug/L	100
42) Toluene	10.386	91	431778	26.663	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	137328	26.127	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	72835	24.937	ug/L	97
46) Tetrachloroethene	10.855	164	73420	24.288	ug/L	90
48) 2-Hexanone	10.965	43	112073	54.187	ug/L	99
49) Dibromochloromethane	11.123	129	78819	25.995	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67857	25.109	ug/L	95
51) Chlorobenzene	11.654	112	259576	25.770	ug/L	99
52) Ethylbenzene	11.727	91	490741	26.865	ug/L	99
53) m,p-Xylene	11.837	106	179160	26.668	ug/L	99
54) o-Xylene	12.160	106	162428	26.255	ug/L	100
55) Styrene	12.178	104	291269	27.162	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	88875	24.792	ug/L	99
59) Bromoform	12.343	173	42453	24.736	ug/L	98
60) Isopropylbenzene	12.458	105	466314	26.421	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66228	23.874	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	380350	28.993	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	369492	26.336	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	192855	25.611	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	198398	25.649	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	167121	24.377	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14363	22.803	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	127350	24.718	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	96403	22.210	ug/L	99
71) Naphthalene	15.360	128	193133	23.320	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	89727	22.840	ug/L	94

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

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