

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061324\
 Data File : VD079178.D
 Acq On : 13 Jun 2024 13:47
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025896

Quant Time: Jun 14 04:45:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 12 01:05:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	195557	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	192451	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	100009	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	113258	18.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.280%
7) Chloroethane-d5	2.799	69	107393	18.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.840%
11) 1,1-Dichloroethene-d2	3.917	65	25403	23.779	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.120%
21) 2-Butanone-d5	6.981	46	27169	59.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.060%
24) Chloroform-d	7.569	84	129475	23.679	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.720%
26) 1,2-Dichloroethane-d4	8.228	65	62043	24.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	8.199	84	257626	24.148	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	9.210	67	74627	24.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	10.269	98	234767	23.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	10.522	79	31610	24.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.880%
47) 2-Hexanone-d5	10.875	63	24934	62.759	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.520%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	74302	27.296	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	13.810	152	86087	24.942	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	59697	19.284	ug/L	97
3) Chloromethane	2.146	50	107456	26.044	ug/L	100
5) Vinyl chloride	2.281	62	149279	21.920	ug/L	94
6) Bromomethane	2.687	94	89023	16.933	ug/L	100
8) Chloroethane	2.834	64	96818	19.397	ug/L	96
9) Trichlorofluoromethane	3.170	101	131955	25.436	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	88481	28.443	ug/L	97
12) 1,1-Dichloroethene	3.934	96	73454	27.122	ug/L	87
13) Acetone	4.017	43	38965	58.473	ug/L	100
14) Carbon disulfide	4.264	76	225361	23.854	ug/L	97
15) Methyl Acetate	4.564	43	28870	31.797	ug/L	94
16) Methylene chloride	4.793	84	98743	28.338	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	80334	27.448	ug/L	90
18) Methyl tert-butyl Ether	5.322	73	158259	30.488	ug/L #	85
19) 1,1-Dichloroethane	6.111	63	115430	24.496	ug/L #	96
20) cis-1,2-Dichloroethene	7.081	96	77131	25.309	ug/L	96
22) 2-Butanone	7.081	43	34825	49.748	ug/L	100
23) Bromochloromethane	7.422	128	37149	24.043	ug/L	93
25) Chloroform	7.599	83	131840	24.642	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	74291	23.921	ug/L	96
29) Cyclohexane	7.875	56	86234	24.835	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	112100	24.603	ug/L	99
31) Carbon tetrachloride	7.993	117	103787	24.512	ug/L	97
33) Benzene	8.252	78	286384	24.985	ug/L	100
34) Trichloroethene	9.028	95	71638	24.266	ug/L	98
35) Methylcyclohexane	9.275	83	121680	24.874	ug/L	99
37) 1,2-Dichloropropane	9.304	63	70977	25.280	ug/L	100
38) Bromodichloromethane	9.581	83	96652	24.764	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	110438	25.198	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	63578	54.246	ug/L	97
42) Toluene	10.334	91	320926	25.214	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	97787	26.385	ug/L	91
45) 1,1,2-Trichloroethane	10.734	97	60811	24.689	ug/L	97
46) Tetrachloroethene	10.810	164	61012	23.471	ug/L	98
48) 2-Hexanone	10.916	43	53250	52.506	ug/L	98
49) Dibromochloromethane	11.069	129	72183	24.747	ug/L	97
50) 1,2-Dibromoethane	11.175	107	58284	25.747	ug/L	95
51) Chlorobenzene	11.604	112	210809	24.892	ug/L	98
52) Ethylbenzene	11.681	91	339541	25.574	ug/L	100
53) m,p-Xylene	11.793	106	135446	26.002	ug/L	99
54) o-Xylene	12.116	106	128212	25.477	ug/L	97
55) Styrene	12.134	104	235983	26.446	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	71049	25.769	ug/L	93
59) Bromoform	12.298	173	45375	24.755	ug/L	99
60) Isopropylbenzene	12.416	105	344895	26.081	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	45173	25.584	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	233582	25.834	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	257253	26.601	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	158984	25.026	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	166809	24.782	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	144330	24.576	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	9244	25.468	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.592	180	100094	24.982	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	81215	24.407	ug/L	97
71) Naphthalene	15.328	128	158719	25.504	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	74543	25.919	ug/L	97

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

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