

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091724\
 Data File : VD079850.D
 Acq On : 17 Sep 2024 09:54
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025909

Quant Time: Sep 18 04:46:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:25:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	169120	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	164956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	81419	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	131425	17.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.480%
7) Chloroethane-d5	2.804	69	112306	19.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.160%
11) 1,1-Dichloroethene-d2	3.922	65	25558	19.142	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.560%
21) 2-Butanone-d5	6.992	46	27553	40.326	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.660%
24) Chloroform-d	7.569	84	120331	21.645	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	8.234	65	65534	22.543	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.160%
32) Benzene-d6	8.204	84	254864	21.885	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.520%
36) 1,2-Dichloropropane-d6	9.210	67	79863	22.391	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	10.269	98	235223	22.953	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	10.522	79	33104	21.588	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.360%
47) 2-Hexanone-d5	10.875	63	27233	46.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.680%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	63237	24.127	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.520%
66) 1,2-Dichlorobenzene-d4	13.810	152	67657	22.035	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	61742	19.146	ug/L	97
3) Chloromethane	2.152	50	112770	19.949	ug/L	99
5) Vinyl chloride	2.287	62	139935	20.201	ug/L	98
6) Bromomethane	2.699	94	83696	23.996	ug/L	96
8) Chloroethane	2.840	64	95787	20.930	ug/L	95
9) Trichlorofluoromethane	3.175	101	103791	20.839	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	59751	21.673	ug/L	98
12) 1,1-Dichloroethene	3.940	96	54311	21.151	ug/L	95
13) Acetone	4.022	43	45098	54.138	ug/L	95
14) Carbon disulfide	4.275	76	169779	20.326	ug/L	97
15) Methyl Acetate	4.569	43	30611	23.069	ug/L	98
16) Methylene chloride	4.804	84	71392	21.364	ug/L	93
17) trans-1,2-Dichloroethene	5.316	96	59943	21.894	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	148365	24.088	ug/L #	87
19) 1,1-Dichloroethane	6.116	63	128115	23.557	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	72155	23.935	ug/L	96
22) 2-Butanone	7.081	43	46939	48.036	ug/L	97
23) Bromochloromethane	7.434	128	29643	23.168	ug/L	92
25) Chloroform	7.598	83	136882	24.179	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	82514	23.848	ug/L	96
29) Cyclohexane	7.881	56	87408	21.423	ug/L	93
30) 1,1,1-Trichloroethane	7.798	97	104282	23.192	ug/L	99
31) Carbon tetrachloride	7.992	117	93318	23.424	ug/L	99
33) Benzene	8.251	78	291976	23.771	ug/L	100
34) Trichloroethene	9.028	95	65228	22.982	ug/L	92
35) Methylcyclohexane	9.275	83	99605	21.747	ug/L	99
37) 1,2-Dichloropropane	9.304	63	81779	24.413	ug/L #	100
38) Bromodichloromethane	9.586	83	95992	24.593	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	115771	24.612	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	89427	50.999	ug/L	99
42) Toluene	10.333	91	316272	24.445	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	105429	25.432	ug/L	100
45) 1,1,2-Trichloroethane	10.733	97	55575	24.284	ug/L	99
46) Tetrachloroethene	10.810	164	45793	23.766	ug/L	98
48) 2-Hexanone	10.916	43	73737	51.698	ug/L	97
49) Dibromochloromethane	11.075	129	62845	25.158	ug/L	99
50) 1,2-Dibromoethane	11.175	107	47255	23.906	ug/L	96
51) Chlorobenzene	11.604	112	195021	25.117	ug/L	96
52) Ethylbenzene	11.680	91	338129	24.878	ug/L	97
53) m,p-Xylene	11.792	106	126811	24.633	ug/L	87
54) o-Xylene	12.122	106	125827	24.928	ug/L	100
55) Styrene	12.133	104	230491	25.982	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	67126	25.023	ug/L	99
59) Bromoform	12.292	173	33625	23.924	ug/L #	98
60) Isopropylbenzene	12.416	105	331848	23.607	ug/L	100
61) 1,2,3-Trichloropropane	12.727	75	46402	23.186	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	253614	24.670	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	256952	23.834	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	139155	23.955	ug/L	96
65) 1,4-Dichlorobenzene	13.533	146	147789	24.255	ug/L	98
67) 1,2-Dichlorobenzene	13.827	146	129539	24.672	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	9876	24.118	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.592	180	81428	23.118	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	68651	23.149	ug/L	99
71) Naphthalene	15.327	128	151906	22.933	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	63679	24.005	ug/L	99

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

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