

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
 Data File : VD079900.D
 Acq On : 25 Sep 2024 19:44
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025916

Quant Time: Sep 26 01:59:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 26 01:54:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	125063	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	123948	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	62653	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	104227	19.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.680%
7) Chloroethane-d5	2.799	69	100238	23.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.120%
11) 1,1-Dichloroethene-d2	3.922	65	19070	19.314	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.240%
21) 2-Butanone-d5	6.987	46	25396	50.263	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.520%
24) Chloroform-d	7.569	84	106455	25.895	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	8.234	65	55944	26.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.080%
32) Benzene-d6	8.199	84	214443	24.506	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.040%
36) 1,2-Dichloropropane-d6	9.210	67	67252	25.093	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.360%
41) Toluene-d8	10.269	98	195440	25.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	10.522	79	26409	22.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.680%
47) 2-Hexanone-d5	10.875	63	22825	52.245	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.500%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	55051	27.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	13.810	152	59030	24.983	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	45691	19.160	ug/L	99
3) Chloromethane	2.146	50	90167	21.569	ug/L	97
5) Vinyl chloride	2.281	62	117377	22.914	ug/L	98
6) Bromomethane	2.693	94	71638	27.774	ug/L	99
8) Chloroethane	2.840	64	83573	24.694	ug/L	100
9) Trichlorofluoromethane	3.175	101	80628	21.891	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	44324	21.741	ug/L	99
12) 1,1-Dichloroethene	3.940	96	40368	21.259	ug/L	92
13) Acetone	4.017	43	26240	42.597	ug/L	70
14) Carbon disulfide	4.270	76	121290	19.637	ug/L	99
15) Methyl Acetate	4.564	43	22991	23.430	ug/L #	82
16) Methylene chloride	4.799	84	55968	22.648	ug/L	92
17) trans-1,2-Dichloroethene	5.311	96	47421	23.421	ug/L	95
18) Methyl tert-butyl Ether	5.317	73	109444	24.029	ug/L #	92
19) 1,1-Dichloroethane	6.111	63	100145	24.901	ug/L	93
20) cis-1,2-Dichloroethene	7.081	96	56024	25.131	ug/L	93
22) 2-Butanone	7.087	43	32030	44.326	ug/L	82
23) Bromochloromethane	7.428	128	23656	25.002	ug/L	92
25) Chloroform	7.593	83	108178	25.841	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	65974	25.785	ug/L	96
29) Cyclohexane	7.875	56	63613	20.749	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	87043	25.763	ug/L	99
31) Carbon tetrachloride	7.993	117	75046	25.070	ug/L	100
33) Benzene	8.252	78	233477	25.297	ug/L	100
34) Trichloroethene	9.028	95	52259	24.505	ug/L	96
35) Methylcyclohexane	9.269	83	76749	22.301	ug/L	98
37) 1,2-Dichloropropane	9.305	63	65119	25.872	ug/L #	100
38) Bromodichloromethane	9.581	83	76436	26.062	ug/L	91
39) cis-1,3-Dichloropropene	10.016	75	91459	25.876	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	63663	48.318	ug/L	100
42) Toluene	10.334	91	259275	26.669	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	79992	25.680	ug/L	89
45) 1,1,2-Trichloroethane	10.728	97	45540	26.482	ug/L	91
46) Tetrachloroethene	10.810	164	37323	25.779	ug/L	95
48) 2-Hexanone	10.916	43	52282	48.783	ug/L	97
49) Dibromochloromethane	11.069	129	48453	25.814	ug/L	92
50) 1,2-Dibromoethane	11.175	107	37473	25.230	ug/L	93
51) Chlorobenzene	11.604	112	153111	26.243	ug/L	97
52) Ethylbenzene	11.681	91	278368	27.257	ug/L	99
53) m,p-Xylene	11.793	106	105981	27.398	ug/L	100
54) o-Xylene	12.122	106	104147	27.459	ug/L	89
55) Styrene	12.128	104	188180	28.230	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	52706	26.148	ug/L	100
59) Bromoform	12.293	173	27503	25.429	ug/L #	96
60) Isopropylbenzene	12.416	105	279021	25.795	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	37395	24.282	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	215238	27.208	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	213740	25.764	ug/L	99
64) 1,3-Dichlorobenzene	13.451	146	114457	25.604	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	118386	25.249	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	103938	25.725	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	7510	23.833	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.593	180	68394	25.233	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	55358	24.257	ug/L	97
71) Naphthalene	15.328	128	117396	23.032	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	50745	24.859	ug/L	97

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

