

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080128.D
 Acq On : 11 Dec 2024 14:39
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025930

Quant Time: Dec 12 00:52:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:43:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	203705	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	190896	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102871	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	79072	24.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
7) Chloroethane-d5	2.799	69	69594	24.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.160%
11) 1,1-Dichloroethene-d2	3.916	65	27156	21.792	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.160%
21) 2-Butanone-d5	6.987	46	30466	42.027	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.060%
24) Chloroform-d	7.563	84	142461	25.329	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	8.228	65	70878	23.814	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.240%
32) Benzene-d6	8.199	84	252097	22.224	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.880%
36) 1,2-Dichloropropane-d6	9.210	67	83686	21.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.920%
41) Toluene-d8	10.269	98	272709	25.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	10.522	79	35984	22.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.280%
47) 2-Hexanone-d5	10.875	63	23384	40.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.280%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	69576	21.109	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	76584	20.619	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.480%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	121456	32.346	ug/L	99
3) Chloromethane	2.152	50	96512	32.704	ug/L	95
5) Vinyl chloride	2.281	62	121069	29.673	ug/L	98
6) Bromomethane	2.687	94	77304	28.429	ug/L	88
8) Chloroethane	2.834	64	77855	28.624	ug/L	98
9) Trichlorofluoromethane	3.169	101	177867	29.873	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	86171	24.419	ug/L	98
12) 1,1-Dichloroethene	3.934	96	74003	24.024	ug/L	96
13) Acetone	4.022	43	54335	44.224	ug/L	99
14) Carbon disulfide	4.269	76	271138	27.132	ug/L	100
15) Methyl Acetate	4.563	43	36890	25.481	ug/L	99
16) Methylene chloride	4.793	84	89399	25.546	ug/L	95
17) trans-1,2-Dichloroethene	5.310	96	80883	25.935	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	166667	24.844	ug/L #	100
19) 1,1-Dichloroethane	6.110	63	161366	27.131	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	88362	26.365	ug/L	94
22) 2-Butanone	7.087	43	59193	48.727	ug/L	99
23) Bromochloromethane	7.428	128	48014	29.392	ug/L	92
25) Chloroform	7.593	83	191443	28.468	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	105223	27.360	ug/L	98
29) Cyclohexane	7.875	56	124522	27.405	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	137850	24.936	ug/L	98
31) Carbon tetrachloride	7.987	117	118942	25.958	ug/L	98
33) Benzene	8.252	78	351481	25.492	ug/L	100
34) Trichloroethene	9.028	95	87738	23.414	ug/L	95
35) Methylcyclohexane	9.275	83	138742	26.415	ug/L	98
37) 1,2-Dichloropropane	9.304	63	97564	24.697	ug/L	99
38) Bromodichloromethane	9.581	83	118668	23.825	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	158239	28.068	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	112150	51.344	ug/L	98
42) Toluene	10.334	91	440527	29.451	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	124418	26.791	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	69995	24.636	ug/L	98
46) Tetrachloroethene	10.810	164	69851	26.915	ug/L	95
48) 2-Hexanone	10.922	43	88911	49.832	ug/L	99
49) Dibromochloromethane	11.069	129	77273	25.054	ug/L	98
50) 1,2-Dibromoethane	11.175	107	59833	23.750	ug/L	96
51) Chlorobenzene	11.604	112	228170	25.486	ug/L	99
52) Ethylbenzene	11.681	91	396835	26.716	ug/L	97
53) m,p-Xylene	11.793	106	151634	26.701	ug/L	96
54) o-Xylene	12.122	106	145003	26.613	ug/L	97
55) Styrene	12.134	104	263846	26.754	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	81128	22.412	ug/L	96
59) Bromoform	12.298	173	46738	23.620	ug/L	99
60) Isopropylbenzene	12.422	105	386593	26.403	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	54674	22.498	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	302963	24.818	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	302153	26.015	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	181238	25.447	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	189283	24.653	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	163498	23.773	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	12079	23.610	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	122511	24.901	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	101607	25.835	ug/L	97
71) Naphthalene	15.328	128	173847	23.267	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	90193	22.787	ug/L	99

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

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