

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120924\
 Data File : VD080120.D
 Acq On : 09 Dec 2024 16:25
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025929

Quant Time: Dec 10 00:29:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 00:27:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	263638	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	264259	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	150421	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	77804	16.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.280%
7) Chloroethane-d5	2.793	69	69758	19.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	3.911	65	33176	19.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.760%
21) 2-Butanone-d5	6.993	46	38837	49.200	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.400%
24) Chloroform-d	7.569	84	169999	23.695	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.760%
26) 1,2-Dichloroethane-d4	8.228	65	94795	25.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.480%
32) Benzene-d6	8.199	84	356323	23.411	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.210	67	112170	23.451	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	10.269	98	351651	24.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	10.528	79	49607	24.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.040%
47) 2-Hexanone-d5	10.875	63	38220	55.404	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107805	27.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	13.810	152	133356	25.319	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	89627	20.730	ug/L	97
3) Chloromethane	2.152	50	61742	14.916	ug/L	99
5) Vinyl chloride	2.275	62	83017	15.908	ug/L	96
6) Bromomethane	2.687	94	51229	17.187	ug/L	98
8) Chloroethane	2.828	64	54608	17.333	ug/L	96
9) Trichlorofluoromethane	3.164	101	130657	19.097	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	80915	20.353	ug/L	97
12) 1,1-Dichloroethene	3.934	96	68596	18.845	ug/L	91
13) Acetone	4.028	43	49813	36.487	ug/L	98
14) Carbon disulfide	4.264	76	253053	19.076	ug/L	100
15) Methyl Acetate	4.569	43	32600	19.394	ug/L #	79
16) Methylene chloride	4.799	84	88923	21.052	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	80354	19.924	ug/L	92
18) Methyl tert-butyl Ether	5.322	73	169299	21.058	ug/L	97
19) 1,1-Dichloroethane	6.105	63	142666	19.745	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	89491	20.517	ug/L	94
22) 2-Butanone	7.087	43	53581	37.691	ug/L	98
23) Bromochloromethane	7.422	128	46731	23.182	ug/L	92
25) Chloroform	7.593	83	169510	21.377	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	100560	21.812	ug/L	95
29) Cyclohexane	7.875	56	101424	16.899	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	125207	19.346	ug/L	98
31) Carbon tetrachloride	7.993	117	114333	19.878	ug/L	99
33) Benzene	8.252	78	342044	19.974	ug/L	100
34) Trichloroethene	9.028	95	87174	19.623	ug/L	99
35) Methylcyclohexane	9.275	83	125499	18.671	ug/L	99
37) 1,2-Dichloropropane	9.304	63	91796	20.296	ug/L	98
38) Bromodichloromethane	9.581	83	118641	21.087	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	135063	19.807	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	98960	42.768	ug/L	97
42) Toluene	10.334	91	392559	21.603	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	125067	21.715	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	78784	23.353	ug/L	92
46) Tetrachloroethene	10.804	164	74996	20.803	ug/L	87
48) 2-Hexanone	10.922	43	84504	40.786	ug/L	97
49) Dibromochloromethane	11.075	129	90048	23.170	ug/L	98
50) 1,2-Dibromoethane	11.175	107	72906	23.134	ug/L	96
51) Chlorobenzene	11.604	112	253103	21.486	ug/L	94
52) Ethylbenzene	11.681	91	408498	20.683	ug/L	98
53) m,p-Xylene	11.793	106	162479	21.548	ug/L	95
54) o-Xylene	12.122	106	154694	21.294	ug/L	96
55) Styrene	12.134	104	291859	22.755	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	94130	23.962	ug/L	99
59) Bromoform	12.298	173	59497	22.287	ug/L	98
60) Isopropylbenzene	12.422	105	403556	19.099	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	62617	20.809	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	323678	19.353	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	326930	19.800	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	211540	20.901	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	222884	21.450	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	200521	21.724	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13927	19.752	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.592	180	140046	20.201	ug/L	98
70) 1,2,4-trichlorobenzene	15.092	180	117467	20.621	ug/L	100
71) Naphthalene	15.328	128	216722	20.514	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	112622	21.462	ug/L	99

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

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