

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111424\
 Data File : VD080006.D
 Acq On : 14 Nov 2024 10:30
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025925

Quant Time: Nov 15 03:37:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 03:23:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	228563	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	225971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	121301	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	61200	17.964	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.840%
7) Chloroethane-d5	2.811	69	57392	20.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.320%
11) 1,1-Dichloroethene-d2	3.928	65	28858	20.663	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.640%
21) 2-Butanone-d5	6.987	46	32453	45.241	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.480%
24) Chloroform-d	7.569	84	159487	24.569	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	8.234	65	82778	23.517	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.080%
32) Benzene-d6	8.204	84	309969	23.852	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	9.210	67	98511	23.498	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.000%
41) Toluene-d8	10.269	98	294055	24.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.440%
43) trans-1,3-Dichloroprop...	10.522	79	41817	24.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.120%
47) 2-Hexanone-d5	10.875	63	31185	50.522	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84901	25.283	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	102952	24.491	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	84203	24.226	ug/L	100
3) Chloromethane	2.152	50	62314	21.920	ug/L	95
5) Vinyl chloride	2.293	62	83145	23.296	ug/L	95
6) Bromomethane	2.699	94	74180	29.417	ug/L	98
8) Chloroethane	2.846	64	49026	21.573	ug/L	99
9) Trichlorofluoromethane	3.181	101	152472	25.542	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	95657	26.499	ug/L	99
12) 1,1-Dichloroethene	3.946	96	77591	25.337	ug/L	95
13) Acetone	4.022	43	44118	51.853	ug/L	97
14) Carbon disulfide	4.281	76	245807	24.030	ug/L	98
15) Methyl Acetate	4.569	43	31986	23.964	ug/L #	86
16) Methylene chloride	4.805	84	96426	25.426	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	87432	25.932	ug/L	95
18) Methyl tert-butyl Ether	5.328	73	167529	25.545	ug/L	99
19) 1,1-Dichloroethane	6.116	63	164556	26.122	ug/L	99
20) cis-1,2-Dichloroethene	7.087	96	98731	26.843	ug/L	94
22) 2-Butanone	7.087	43	48963	48.488	ug/L	97
23) Bromochloromethane	7.434	128	48768	26.700	ug/L	94
25) Chloroform	7.599	83	192499	26.434	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	109917	25.848	ug/L	100
29) Cyclohexane	7.881	56	130133	26.638	ug/L	97
30) 1,1,1-Trichloroethane	7.799	97	155899	26.961	ug/L	99
31) Carbon tetrachloride	7.993	117	142471	28.062	ug/L	98
33) Benzene	8.252	78	383273	27.141	ug/L	100
34) Trichloroethene	9.028	95	99570	26.293	ug/L	94
35) Methylcyclohexane	9.275	83	151619	27.393	ug/L	98
37) 1,2-Dichloropropane	9.304	63	104505	26.492	ug/L	100
38) Bromodichloromethane	9.587	83	134378	26.732	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	149580	26.249	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	94571	50.774	ug/L	96
42) Toluene	10.334	91	443157	28.728	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	134879	27.480	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	81115	26.991	ug/L	95
46) Tetrachloroethene	10.810	164	86963	26.998	ug/L	96
48) 2-Hexanone	10.922	43	82118	54.674	ug/L	97
49) Dibromochloromethane	11.075	129	95226	26.905	ug/L	97
50) 1,2-Dibromoethane	11.181	107	74511	27.174	ug/L	92
51) Chlorobenzene	11.604	112	273850	27.078	ug/L	95
52) Ethylbenzene	11.687	91	473751	28.458	ug/L	98
53) m,p-Xylene	11.793	106	184502	29.557	ug/L	91
54) o-Xylene	12.122	106	174025	29.251	ug/L	97
55) Styrene	12.134	104	312884	29.232	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	93160	26.688	ug/L	97
59) Bromoform	12.298	173	60082	26.837	ug/L	100
60) Isopropylbenzene	12.422	105	472122	28.473	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	62775	26.552	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	388328	29.820	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	368212	28.398	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	224043	27.527	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	230389	27.022	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	201382	26.779	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	13181	25.584	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	153492	27.919	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	122165	26.372	ug/L	99
71) Naphthalene	15.328	128	200172	25.292	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	112189	27.432	ug/L	100

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

