

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040623\
 Data File : VD075587.D
 Acq On : 06 Apr 2023 10:40
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025126

Quant Time: Apr 07 01:24:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	334324	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	307450	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	186646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	204710	26.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.200%
7) Chloroethane-d5	2.805	69	189371	27.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.360%
11) 1,1-Dichloroethene-d2	3.922	63	164043	26.127	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.520%
21) 2-Butanone-d5	6.987	46	32053	63.232	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.460%
24) Chloroform-d	7.569	84	213738	27.117	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.480%
26) 1,2-Dichloroethane-d4	8.228	65	91799	26.281	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.120%
32) Benzene-d6	8.204	84	451454	25.117	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.480%
36) 1,2-Dichloropropane-d6	9.210	67	123165	25.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.840%
41) Toluene-d8	10.269	98	431033	25.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.280%
43) trans-1,3-Dichloroprop...	10.528	79	50791	25.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.760%
47) 2-Hexanone-d5	10.881	63	31416	55.423	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	112210	31.269	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.080%#
66) 1,2-Dichlorobenzene-d4	13.816	152	167554	26.170	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	68478	21.855	ug/L	95
3) Chloromethane	2.146	50	97309	23.733	ug/L	97
5) Vinyl chloride	2.287	62	153030	23.948	ug/L	99
6) Bromomethane	2.699	94	105080	24.101	ug/L	98
8) Chloroethane	2.840	64	109858	24.677	ug/L	96
9) Trichlorofluoromethane	3.175	101	138593	24.944	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	99025	25.655	ug/L	98
12) 1,1-Dichloroethene	3.946	96	78003	24.463	ug/L	91
13) Acetone	4.022	43	28881	54.325	ug/L	93
14) Carbon disulfide	4.269	76	172042	22.552	ug/L	98
15) Methyl Acetate	4.563	43	25651	28.792	ug/L #	65
16) Methylene chloride	4.805	84	99324	21.613	ug/L	99
17) trans-1,2-Dichloroethene	5.316	96	87983	25.991	ug/L	90
18) Methyl tert-butyl Ether	5.322	73	178715	27.766	ug/L	99
19) 1,1-Dichloroethane	6.110	63	154090	26.555	ug/L	95
20) cis-1,2-Dichloroethene	7.087	96	105159	26.456	ug/L	96
22) 2-Butanone	7.087	43	36019	56.877	ug/L	97
23) Bromochloromethane	7.434	128	49473	26.397	ug/L	94
25) Chloroform	7.599	83	184526	26.549	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	94092	26.191	ug/L	99
29) Cyclohexane	7.881	56	89393	23.826	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	149074	24.613	ug/L	99
31) Carbon tetrachloride	7.987	117	119350	24.410	ug/L	98
33) Benzene	8.252	78	376904	23.824	ug/L	100
34) Trichloroethene	9.028	95	97167	21.922	ug/L	95
35) Methylcyclohexane	9.275	83	133310	22.995	ug/L	99
37) 1,2-Dichloropropane	9.304	63	93168	25.031	ug/L	100
38) Bromodichloromethane	9.587	83	135190	25.502	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	147394	24.976	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	74355	53.297	ug/L	98
42) Toluene	10.334	91	434411	24.714	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	126922	25.295	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	86411	25.299	ug/L	97
46) Tetrachloroethene	10.810	164	77644	22.367	ug/L	95
48) 2-Hexanone	10.922	43	56023	59.585	ug/L	97
49) Dibromochloromethane	11.075	129	96652	26.136	ug/L	96
50) 1,2-Dibromoethane	11.181	107	76204	25.463	ug/L	97
51) Chlorobenzene	11.610	112	287393	24.277	ug/L	96
52) Ethylbenzene	11.687	91	469610	25.406	ug/L	98
53) m,p-Xylene	11.798	106	188743	26.041	ug/L	92
54) o-Xylene	12.122	106	180253	26.117	ug/L	93
55) Styrene	12.140	104	329133	26.763	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	107283	30.435	ug/L	93
59) Bromoform	12.298	173	55399	19.192	ug/L	98
60) Isopropylbenzene	12.422	105	486370	19.736	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	67363	22.802	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	430738	23.172	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	425236	23.923	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	273524	24.511	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	277503	23.841	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	258112	25.539	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	13878	23.328	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.598	180	176302	25.619	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	148483	26.652	ug/L	99
71) Naphthalene	15.334	128	275878	26.783	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	134632	26.978	ug/L	98

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

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