

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075561.D
 Acq On : 31 Mar 2023 16:38
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025118

Quant Time: Apr 01 00:16:33 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	326835	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	299428	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	145622	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	220288	28.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.800%
7) Chloroethane-d5	2.805	69	194933	28.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.160%
11) 1,1-Dichloroethene-d2	3.922	63	169042	27.541	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	110.160%#
21) 2-Butanone-d5	6.987	46	28174	56.853	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.700%
24) Chloroform-d	7.569	84	210849	27.363	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.440%
26) 1,2-Dichloroethane-d4	8.234	65	89068	26.083	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.320%
32) Benzene-d6	8.204	84	450660	25.744	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.960%
36) 1,2-Dichloropropane-d6	9.210	67	119531	25.622	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.480%
41) Toluene-d8	10.269	98	425004	25.892	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.560%
43) trans-1,3-Dichloroprop...	10.528	79	49535	25.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.880%
47) 2-Hexanone-d5	10.881	63	26133	47.338	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	93139	26.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	126866	25.397	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	72701	23.735	ug/L	99
3) Chloromethane	2.152	50	99597	24.848	ug/L	94
5) Vinyl chloride	2.287	62	154444	24.723	ug/L	99
6) Bromomethane	2.699	94	107634	25.252	ug/L	97
8) Chloroethane	2.840	64	110949	25.494	ug/L	94
9) Trichlorofluoromethane	3.181	101	132582	24.409	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	96508	25.576	ug/L #	87
12) 1,1-Dichloroethene	3.946	96	80058	25.683	ug/L	96
13) Acetone	4.022	43	27114	52.169	ug/L	99
14) Carbon disulfide	4.269	76	177047	23.740	ug/L	97
15) Methyl Acetate	4.563	43	24292	27.891	ug/L	100
16) Methylene chloride	4.805	84	101438	22.579	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	87049	26.304	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	173200	27.526	ug/L	99
19) 1,1-Dichloroethane	6.116	63	151101	26.637	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	103650	26.674	ug/L	94
22) 2-Butanone	7.081	43	33475	54.071	ug/L	98
23) Bromochloromethane	7.434	128	48435	26.435	ug/L	97
25) Chloroform	7.599	83	182870	26.913	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	90274	25.704	ug/L	97
29) Cyclohexane	7.881	56	88398	24.192	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	147792	25.055	ug/L	99
31) Carbon tetrachloride	7.993	117	115349	24.224	ug/L	99
33) Benzene	8.251	78	368742	23.932	ug/L	100
34) Trichloroethene	9.028	95	99407	23.029	ug/L	98
35) Methylcyclohexane	9.275	83	135056	23.920	ug/L	99
37) 1,2-Dichloropropane	9.304	63	94198	25.986	ug/L	97
38) Bromodichloromethane	9.587	83	132206	25.607	ug/L	96
39) cis-1,3-Dichloropropene	10.022	75	147266	25.622	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	69121	50.873	ug/L	100
42) Toluene	10.334	91	431844	25.226	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	124189	25.414	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	82462	24.789	ug/L	96
46) Tetrachloroethene	10.810	164	77158	22.823	ug/L	97
48) 2-Hexanone	10.922	43	49657	54.229	ug/L	97
49) Dibromochloromethane	11.075	129	92084	25.568	ug/L	97
50) 1,2-Dibromoethane	11.181	107	73032	25.057	ug/L	96
51) Chlorobenzene	11.610	112	281708	24.434	ug/L	95
52) Ethylbenzene	11.687	91	469177	26.063	ug/L	100
53) m,p-Xylene	11.792	106	183838	26.043	ug/L	90
54) o-Xylene	12.122	106	180785	26.896	ug/L	99
55) Styrene	12.139	104	328791	27.452	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	91367	26.614	ug/L	92
59) Bromoform	12.304	173	54076	24.011	ug/L	98
60) Isopropylbenzene	12.422	105	482324	25.086	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	55953	24.276	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	364190	25.112	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	362003	26.103	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	214896	24.683	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	219428	24.163	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	196540	24.925	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	10892	23.466	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.598	180	130656	24.335	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	105551	24.283	ug/L	99
71) Naphthalene	15.333	128	198101	24.650	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	94999	24.399	ug/L	98

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

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