

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091323\
 Data File : VD077100.D
 Acq On : 13 Sep 2023 10:07
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025187

Quant Time: Sep 14 01:24:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	289912	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	301497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	168005	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	157502	22.048	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.200%		
7) Chloroethane-d5	2.799	69	136430	23.224	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.880%		
11) 1,1-Dichloroethene-d2	3.916	65	35126	21.646	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.600%		
21) 2-Butanone-d5	6.987	46	47115	52.354	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.700%		
24) Chloroform-d	7.563	84	202273	25.498	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	102.000%		
26) 1,2-Dichloroethane-d4	8.228	65	100187	26.646	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.600%		
32) Benzene-d6	8.199	84	394472	23.689	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.760%		
36) 1,2-Dichloropropane-d6	9.210	67	115108	24.104	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.400%		
41) Toluene-d8	10.269	98	366269	24.028	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.120%		
43) trans-1,3-Dichloroprop...	10.528	79	48701	22.382	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.520%		
47) 2-Hexanone-d5	10.875	63	37844	49.618	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.240%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	115281	27.079	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.320%		
66) 1,2-Dichlorobenzene-d4	13.816	152	127375	23.621	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	86004	23.133	ug/L	97
3) Chloromethane	2.146	50	163705	25.948	ug/L	99
5) Vinyl chloride	2.281	62	178895	24.173	ug/L	97
6) Bromomethane	2.687	94	120051	23.221	ug/L	97
8) Chloroethane	2.834	64	124305	25.594	ug/L	95
9) Trichlorofluoromethane	3.169	101	160458	22.929	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	103543	24.189	ug/L	99
12) 1,1-Dichloroethene	3.940	96	88509	22.735	ug/L	88
13) Acetone	4.016	43	77164	59.771	ug/L	99
14) Carbon disulfide	4.263	76	294437	23.363	ug/L	99
15) Methyl Acetate	4.563	43	47705	27.626	ug/L #	87
16) Methylene chloride	4.799	84	153877	26.079	ug/L	97
17) trans-1,2-Dichloroethene	5.310	96	107230	25.298	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	245939	26.866	ug/L	99
19) 1,1-Dichloroethane	6.105	63	183550	25.682	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	124835	25.724	ug/L	99
22) 2-Butanone	7.081	43	88398	56.758	ug/L	99
23) Bromochloromethane	7.428	128	62751	27.095	ug/L	94
25) Chloroform	7.593	83	212608	26.641	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	131329	27.477	ug/L	97
29) Cyclohexane	7.875	56	124482	21.956	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	172939	24.538	ug/L	99
31) Carbon tetrachloride	7.993	117	145166	24.349	ug/L	99
33) Benzene	8.246	78	452864	25.005	ug/L	100
34) Trichloroethene	9.028	95	113621	23.659	ug/L	97
35) Methylcyclohexane	9.269	83	164946	22.272	ug/L	99
37) 1,2-Dichloropropane	9.304	63	115939	25.380	ug/L	99
38) Bromodichloromethane	9.581	83	161618	25.644	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	186425	25.668	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	140868	56.108	ug/L	100
42) Toluene	10.334	91	494387	25.201	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	163655	26.356	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	104613	27.062	ug/L	95
46) Tetrachloroethene	10.810	164	93051	23.702	ug/L	97
48) 2-Hexanone	10.922	43	127246	65.722	ug/L	97
49) Dibromochloromethane	11.075	129	119666	26.504	ug/L	96
50) 1,2-Dibromoethane	11.175	107	103644	27.139	ug/L	98
51) Chlorobenzene	11.604	112	331082	25.240	ug/L	98
52) Ethylbenzene	11.687	91	523060	24.638	ug/L	100
53) m,p-Xylene	11.792	106	209303	25.532	ug/L	99
54) o-Xylene	12.122	106	201851	25.509	ug/L	100
55) Styrene	12.134	104	381635	26.987	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	126250	27.768	ug/L	96
59) Bromoform	12.298	173	80184	26.463	ug/L	98
60) Isopropylbenzene	12.422	105	516460	23.851	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	81879	25.533	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	404233	24.137	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	406807	24.793	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	249406	24.176	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	265400	24.626	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	234471	24.712	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	17272	25.753	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	163970	24.119	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	140070	24.073	ug/L	99
71) Naphthalene	15.333	128	297935	25.614	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	136312	25.507	ug/L	99

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

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