

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060424\
 Data File : VD079141.D
 Acq On : 04 Jun 2024 15:51
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025890

Quant Time: Jun 05 03:22:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 05 03:20:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	197639	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	191680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	157291	25.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.440%	
7) Chloroethane-d5	2.799	69	135097	22.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 91.880%	
11) 1,1-Dichloroethene-d2	3.917	65	27742	25.694	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.760%	
21) 2-Butanone-d5	6.987	46	26632	57.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 114.500%	
24) Chloroform-d	7.563	84	137618	24.903	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 99.600%	
26) 1,2-Dichloroethane-d4	8.228	65	68851	27.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.040%	
32) Benzene-d6	8.199	84	294116	27.679	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.720%	
36) 1,2-Dichloropropane-d6	9.210	67	80325	26.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.960%	
41) Toluene-d8	10.269	98	271935	27.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 109.320%	
43) trans-1,3-Dichloroprop...	10.522	79	35625	27.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 110.760%	
47) 2-Hexanone-d5	10.875	63	25134	63.517	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 127.040%	
56) 1,1,2,2-Tetrachloroeth...	12.646	84	76998	28.400	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 113.600%	
66) 1,2-Dichlorobenzene-d4	13.810	152	90398	25.532	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	72309	23.112	ug/L	96
3) Chloromethane	2.146	50	115707	27.748	ug/L	100
5) Vinyl chloride	2.281	62	168080	24.421	ug/L	96
6) Bromomethane	2.693	94	105655	19.885	ug/L	100
8) Chloroethane	2.834	64	108007	21.411	ug/L	95
9) Trichlorofluoromethane	3.170	101	116810	22.279	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	74993	23.853	ug/L	99
12) 1,1-Dichloroethene	3.940	96	62309	22.764	ug/L	90
13) Acetone	4.022	43	37084	55.064	ug/L	99
14) Carbon disulfide	4.269	76	219718	23.011	ug/L	97
15) Methyl Acetate	4.558	43	23258	25.346	ug/L	98
16) Methylene chloride	4.805	84	91425	25.961	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	70300	23.766	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	132213	25.202	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	113698	23.874	ug/L #	93
20) cis-1,2-Dichloroethene	7.075	96	77825	25.268	ug/L	98
22) 2-Butanone	7.075	43	37042	52.357	ug/L	73
23) Bromochloromethane	7.422	128	36725	23.518	ug/L	91
25) Chloroform	7.587	83	131699	24.357	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	75740	24.130	ug/L	99
29) Cyclohexane	7.875	56	88004	25.446	ug/L	99
30) 1,1,1-Trichloroethane	7.787	97	109377	24.102	ug/L	100
31) Carbon tetrachloride	7.987	117	101005	23.951	ug/L	99
33) Benzene	8.246	78	289751	25.380	ug/L	100
34) Trichloroethene	9.028	95	72514	24.661	ug/L	94
35) Methylcyclohexane	9.269	83	119433	24.513	ug/L	99
37) 1,2-Dichloropropane	9.305	63	70944	25.370	ug/L #	94
38) Bromodichloromethane	9.581	83	97527	25.088	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	111695	25.587	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	65494	56.106	ug/L	96
42) Toluene	10.328	91	327309	25.819	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	97611	26.443	ug/L	94
45) 1,1,2-Trichloroethane	10.728	97	61375	25.018	ug/L	97
46) Tetrachloroethene	10.810	164	62804	24.257	ug/L	96
48) 2-Hexanone	10.916	43	59282	58.688	ug/L	99
49) Dibromochloromethane	11.075	129	69795	24.025	ug/L	98
50) 1,2-Dibromoethane	11.175	107	57898	25.680	ug/L #	94
51) Chlorobenzene	11.604	112	204693	24.267	ug/L	99
52) Ethylbenzene	11.681	91	337912	25.554	ug/L	98
53) m,p-Xylene	11.793	106	137311	26.467	ug/L	92
54) o-Xylene	12.116	106	128499	25.636	ug/L	98
55) Styrene	12.134	104	235667	26.517	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	72051	26.237	ug/L	97
59) Bromoform	12.298	173	44842	23.849	ug/L	100
60) Isopropylbenzene	12.416	105	336356	24.796	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	46034	25.416	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	226039	24.371	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	249013	25.102	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	153974	23.628	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	165145	23.917	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	143683	23.851	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	9457	25.399	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	98467	23.958	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	78733	23.066	ug/L	98
71) Naphthalene	15.328	128	158020	24.754	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	75073	25.447	ug/L	96

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

