

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040323\
 Data File : VD075567.D
 Acq On : 03 Apr 2023 15:21
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025120

Quant Time: Apr 04 01:49:15 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	375693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	339801	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	166527	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	235316	26.902	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.600%	
7) Chloroethane-d5	2.805	69	211212	27.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.560%	
11) 1,1-Dichloroethene-d2	3.922	63	187032	26.509	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.040%	
21) 2-Butanone-d5	6.987	46	34084	59.835	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.660%	
24) Chloroform-d	7.569	84	230014	25.968	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.880%	
26) 1,2-Dichloroethane-d4	8.228	65	98131	25.000	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.000%	
32) Benzene-d6	8.204	84	484345	24.381	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 97.520%	
36) 1,2-Dichloropropane-d6	9.210	67	130775	24.702	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.800%	
41) Toluene-d8	10.269	98	465114	24.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.880%	
43) trans-1,3-Dichloroprop...	10.528	79	55316	25.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.240%	
47) 2-Hexanone-d5	10.881	63	31516	50.306	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.620%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107835	27.189	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.760%	
66) 1,2-Dichlorobenzene-d4	13.816	152	140069	24.520	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	78809	22.383	ug/L	97
3) Chloromethane	2.146	50	109572	23.781	ug/L	96
5) Vinyl chloride	2.287	62	174127	24.249	ug/L	99
6) Bromomethane	2.693	94	116359	23.749	ug/L	100
8) Chloroethane	2.840	64	125049	24.997	ug/L	99
9) Trichlorofluoromethane	3.175	101	184250	29.510	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	108058	24.913	ug/L	98
12) 1,1-Dichloroethene	3.940	96	86978	24.274	ug/L	94
13) Acetone	4.016	43	32945	55.145	ug/L	97
14) Carbon disulfide	4.275	76	195248	22.776	ug/L	98
15) Methyl Acetate	4.563	43	28739	28.706	ug/L #	82
16) Methylene chloride	4.799	84	119113	23.065	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	96812	25.450	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	205261	28.379	ug/L	100
19) 1,1-Dichloroethane	6.110	63	168209	25.796	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	120131	26.894	ug/L	99
22) 2-Butanone	7.081	43	39896	56.062	ug/L	96
23) Bromochloromethane	7.422	128	54635	25.941	ug/L	99
25) Chloroform	7.593	83	202570	25.936	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	104096	25.785	ug/L	98
29) Cyclohexane	7.881	56	102165	24.637	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	163696	24.454	ug/L	99
31) Carbon tetrachloride	7.993	117	135362	25.049	ug/L	100
33) Benzene	8.251	78	417828	23.896	ug/L	100
34) Trichloroethene	9.028	95	110816	22.622	ug/L	98
35) Methylcyclohexane	9.275	83	151038	23.572	ug/L	100
37) 1,2-Dichloropropane	9.304	63	102229	24.851	ug/L	98
38) Bromodichloromethane	9.587	83	150346	25.661	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	168165	25.782	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	84643	54.895	ug/L	99
42) Toluene	10.334	91	484780	24.954	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	141141	25.451	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	95041	25.176	ug/L	97
46) Tetrachloroethene	10.810	164	87481	22.802	ug/L	95
48) 2-Hexanone	10.922	43	59914	57.656	ug/L	98
49) Dibromochloromethane	11.075	129	106622	26.087	ug/L	96
50) 1,2-Dibromoethane	11.181	107	83340	25.197	ug/L	96
51) Chlorobenzene	11.610	112	317650	24.278	ug/L	98
52) Ethylbenzene	11.687	91	519106	25.410	ug/L	97
53) m,p-Xylene	11.792	106	203321	25.381	ug/L	92
54) o-Xylene	12.122	106	199261	26.123	ug/L	95
55) Styrene	12.134	104	366543	26.968	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	105434	27.063	ug/L	95
59) Bromoform	12.298	173	63261	24.564	ug/L	99
60) Isopropylbenzene	12.422	105	537448	24.443	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	63742	24.183	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	405216	24.433	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	401163	25.295	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	243986	24.506	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	248714	23.950	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	221547	24.569	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	12828	24.168	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	150694	24.543	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	120317	24.206	ug/L	98
71) Naphthalene	15.333	128	235535	25.629	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	110657	24.853	ug/L	100

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

