

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD043024\
 Data File : VD078854.D
 Acq On : 30 Apr 2024 14:31
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025246

Quant Time: May 01 09:51:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 01 09:47:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	165034	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	174499	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	95361	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	91387	20.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.400%
7) Chloroethane-d5	2.805	69	105730	24.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.760%
11) 1,1-Dichloroethene-d2	3.922	65	19006	22.762	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.040%
21) 2-Butanone-d5	6.987	46	28943	66.820	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.640%
24) Chloroform-d	7.569	84	111087	27.572	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.280%
26) 1,2-Dichloroethane-d4	8.234	65	54998	26.869	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.480%
32) Benzene-d6	8.199	84	214586	24.134	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.520%
36) 1,2-Dichloropropane-d6	9.210	67	64447	25.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.760%
41) Toluene-d8	10.269	98	192500	22.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.840%
43) trans-1,3-Dichloroprop...	10.522	79	29551	25.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.240%
47) 2-Hexanone-d5	10.875	63	24508	59.290	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.580%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67861	28.125	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	73942	22.734	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65764	27.691	ug/L	96
3) Chloromethane	2.152	50	88995	26.155	ug/L	97
5) Vinyl chloride	2.281	62	126221	24.669	ug/L	99
6) Bromomethane	2.693	94	105049	28.250	ug/L	95
8) Chloroethane	2.840	64	105771	28.333	ug/L	100
9) Trichlorofluoromethane	3.175	101	103005	27.521	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	65004	26.885	ug/L #	91
12) 1,1-Dichloroethene	3.940	96	56478	26.154	ug/L	90
13) Acetone	4.022	43	35683	64.255	ug/L	97
14) Carbon disulfide	4.269	76	166100	22.612	ug/L	97
15) Methyl Acetate	4.563	43	28704	35.076	ug/L	100
16) Methylene chloride	4.805	84	75773	26.499	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	64347	26.676	ug/L	90
18) Methyl tert-butyl Ether	5.322	73	148371	32.152	ug/L #	95
19) 1,1-Dichloroethane	6.110	63	116495	30.313	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	76092	29.017	ug/L	93
22) 2-Butanone	7.081	43	42995	63.372	ug/L	97
23) Bromochloromethane	7.428	128	36738	28.396	ug/L #	93
25) Chloroform	7.599	83	130872	28.898	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	81768	32.173	ug/L	99
29) Cyclohexane	7.875	56	81364	27.446	ug/L	95
30) 1,1,1-Trichloroethane	7.799	97	104391	26.598	ug/L	97
31) Carbon tetrachloride	7.993	117	95226	27.031	ug/L	97
33) Benzene	8.251	78	285279	28.833	ug/L	100
34) Trichloroethene	9.028	95	69311	26.260	ug/L	93
35) Methylcyclohexane	9.275	83	106779	27.232	ug/L	99
37) 1,2-Dichloropropane	9.304	63	73350	28.912	ug/L #	95
38) Bromodichloromethane	9.587	83	101301	29.021	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	115589	29.663	ug/L	91
40) 4-Methyl-2-pentanone	10.157	43	83784	72.302	ug/L	97
42) Toluene	10.334	91	315623	28.816	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	104201	30.515	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	64373	29.057	ug/L	96
46) Tetrachloroethene	10.804	164	55155	24.955	ug/L	93
48) 2-Hexanone	10.922	43	66582	73.006	ug/L	95
49) Dibromochloromethane	11.075	129	73516	28.658	ug/L	99
50) 1,2-Dibromoethane	11.181	107	59536	27.654	ug/L #	91
51) Chlorobenzene	11.604	112	209128	28.308	ug/L	99
52) Ethylbenzene	11.681	91	339320	29.464	ug/L	97
53) m,p-Xylene	11.792	106	135719	29.916	ug/L	95
54) o-Xylene	12.122	106	127233	29.014	ug/L	99
55) Styrene	12.134	104	243136	30.937	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	80831	31.606	ug/L	99
59) Bromoform	12.298	173	47552	25.439	ug/L	99
60) Isopropylbenzene	12.422	105	336783	27.908	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	53622	30.465	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	258176	35.292	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	262149	29.202	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	159769	26.601	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	169350	26.663	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	149088	26.350	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.445	75	10945	27.312	ug/L	83
69) 1,3,5-Trichlorobenzene	14.592	180	100940	26.134	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	83878	25.751	ug/L	99
71) Naphthalene	15.328	128	175282	27.725	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	79666	26.713	ug/L	98

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

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