

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076073.D
 Acq On : 11 May 2023 11:33
 Operator : KP/SY
 Sample : VSTD02548
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025148

Quant Time: May 12 01:49:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 12 01:47:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	414100	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	373909	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	200955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	128436	20.274	ug/L	0.00
7) Chloroethane-d5	2.799	69	119965	20.627	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	31736	19.900	ug/L	0.00
21) 2-Butanone-d5	6.993	46	40824	47.340	ug/L	0.00
24) Chloroform-d	7.563	84	189884	21.887	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	82865	21.721	ug/L	0.00
32) Benzene-d6	8.199	84	373752	22.172	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	114407	22.026	ug/L	0.00
41) Toluene-d8	10.269	98	339984	22.631	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	44459	22.802	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	35522	46.699	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111976	25.034	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	125174	21.805	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	117050	22.600	ug/L	99
3) Chloromethane	2.146	50	169668	23.045	ug/L	100
5) Vinyl chloride	2.281	62	210797	22.427	ug/L	98
6) Bromomethane	2.687	94	130656	22.408	ug/L	97
8) Chloroethane	2.834	64	135834	22.522	ug/L	96
9) Trichlorofluoromethane	3.169	101	170674	22.180	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	119902	21.874	ug/L	97
12) 1,1-Dichloroethene	3.940	96	109895	22.369	ug/L #	81
13) Acetone	4.022	43	34868	45.720	ug/L	73
14) Carbon disulfide	4.269	76	344641	22.529	ug/L	99
15) Methyl Acetate	4.558	43	36665	22.283	ug/L	93
16) Methylene chloride	4.799	84	141294	20.984	ug/L	96
17) trans-1,2-Dichloroethene	5.310	96	121314	23.063	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	222897	23.878	ug/L	98
19) 1,1-Dichloroethane	6.110	63	203867	22.738	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	135625	23.257	ug/L	93
22) 2-Butanone	7.081	43	49863	46.824	ug/L #	64
23) Bromochloromethane	7.422	128	66898	23.469	ug/L #	90
25) Chloroform	7.593	83	223041	23.298	ug/L	96
27) 1,2-Dichloroethane	8.322	62	122623	24.307	ug/L	99
29) Cyclohexane	7.875	56	141685	22.844	ug/L	92
30) 1,1,1-Trichloroethane	7.793	97	172652	22.730	ug/L	99
31) Carbon tetrachloride	7.987	117	137615	22.998	ug/L	98
33) Benzene	8.251	78	497825	23.948	ug/L	100
34) Trichloroethene	9.028	95	122449	22.821	ug/L	94
35) Methylcyclohexane	9.275	83	189037	23.253	ug/L	96
37) 1,2-Dichloropropane	9.304	63	128794	24.291	ug/L	100
38) Bromodichloromethane	9.587	83	162263	23.886	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	184167	24.114	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	105715	49.466	ug/L	97
42) Toluene	10.334	91	553141	24.925	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	155218	24.357	ug/L	99

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

45) 1,1,2-Trichloroethane	10.734	97	103467	24.167	ug/L	94
46) Tetrachloroethene	10.810	164	102225	22.805	ug/L	96
48) 2-Hexanone	10.922	43	77646	50.067	ug/L	93
49) Dibromochloromethane	11.075	129	111751	24.193	ug/L	96
50) 1,2-Dibromoethane	11.181	107	91458	24.188	ug/L	99
51) Chlorobenzene	11.610	112	358499	23.735	ug/L	99
52) Ethylbenzene	11.687	91	555213	24.116	ug/L	98
53) m,p-Xylene	11.792	106	223094	24.850	ug/L	99
54) o-Xylene	12.122	106	210203	24.688	ug/L	97
55) Styrene	12.140	104	382509	25.358	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	122460	25.550	ug/L	96
59) Bromoform	12.298	173	66504	22.774	ug/L	99
60) Isopropylbenzene	12.422	105	529140	23.191	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	78955	24.427	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	432518	24.707	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	431843	25.794	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	279417	23.587	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	283865	23.034	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	253695	23.479	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	14962	23.074	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	158882	21.107	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	129723	21.775	ug/L	97
71) Naphthalene	15.333	128	253386	22.634	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	121811	22.485	ug/L	99

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

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