

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051123\
 Data File : VD076075.D
 Acq On : 11 May 2023 12:32
 Operator : KP/SY
 Sample : VSTD10050
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100150

Quant Time: May 12 01:49:39 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	426509	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	387336	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	210030	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	514563	78.864	ug/L	0.00
7) Chloroethane-d5	2.793	69	484909	80.952	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	137698	83.833	ug/L	0.00
21) 2-Butanone-d5	6.987	46	186840	210.358	ug/L	0.00
24) Chloroform-d	7.569	84	768495	86.005	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	333218	84.805	ug/L	0.00
32) Benzene-d6	8.199	84	1509709	86.454	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	464526	86.331	ug/L	0.00
41) Toluene-d8	10.269	98	1406521	90.381	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	183502	90.850	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	176124	223.517	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	420252	90.695	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	528365	88.063	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	535720	100.427	ug/L	100
3) Chloromethane	2.146	50	723435	95.400	ug/L	99
5) Vinyl chloride	2.281	62	953410	98.483	ug/L	98
6) Bromomethane	2.687	94	604648	100.684	ug/L	100
8) Chloroethane	2.828	64	605648	97.498	ug/L	97
9) Trichlorofluoromethane	3.169	101	777502	98.101	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	554715	98.253	ug/L	96
12) 1,1-Dichloroethene	3.934	96	540603	106.836	ug/L	87
13) Acetone	4.016	43	153160	194.986	ug/L	95
14) Carbon disulfide	4.263	76	1575819	100.014	ug/L	99
15) Methyl Acetate	4.563	43	168494	99.424	ug/L #	62
16) Methylene chloride	4.799	84	572906	82.608	ug/L	94
17) trans-1,2-Dichloroethene	5.311	96	562770	103.874	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	1091747	113.551	ug/L	99
19) 1,1-Dichloroethane	6.110	63	900454	97.510	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	640954	106.711	ug/L	92
22) 2-Butanone	7.081	43	236910	215.997	ug/L	93
23) Bromochloromethane	7.422	128	284489	96.898	ug/L #	90
25) Chloroform	7.593	83	948675	96.213	ug/L	98
27) 1,2-Dichloroethane	8.328	62	508511	97.866	ug/L	99
29) Cyclohexane	7.875	56	758087	117.989	ug/L	89
30) 1,1,1-Trichloroethane	7.793	97	770676	97.945	ug/L	99
31) Carbon tetrachloride	7.993	117	639515	103.171	ug/L	97
33) Benzene	8.252	78	2188968	101.651	ug/L	100
34) Trichloroethene	9.028	95	558210	100.427	ug/L	99
35) Methylcyclohexane	9.275	83	949086	112.699	ug/L	97
37) 1,2-Dichloropropane	9.304	63	541999	98.679	ug/L	99
38) Bromodichloromethane	9.587	83	677756	96.309	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	871062	110.099	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	501524	226.538	ug/L	98
42) Toluene	10.334	91	2429146	105.665	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	703217	106.523	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	421551	95.050	ug/L	94
46) Tetrachloroethene	10.810	164	466158	100.386	ug/L	97
48) 2-Hexanone	10.922	43	358804	223.340	ug/L	94
49) Dibromochloromethane	11.075	129	466207	97.429	ug/L	97
50) 1,2-Dibromoethane	11.181	107	383563	97.927	ug/L	96
51) Chlorobenzene	11.610	112	1537266	98.249	ug/L	98
52) Ethylbenzene	11.687	91	2594679	108.794	ug/L	99
53) m,p-Xylene	11.793	106	1018174	109.480	ug/L	97
54) o-Xylene	12.122	106	984932	111.669	ug/L	98
55) Styrene	12.134	104	1742617	111.520	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	483388	97.359	ug/L	98
59) Bromoform	12.298	173	284106	93.086	ug/L	98
60) Isopropylbenzene	12.422	105	2542085	106.598	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	306993	90.872	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	2003728	109.516	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	1914673	109.422	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	1227293	99.125	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	1234422	95.838	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	1123137	99.452	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	69504	102.555	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	818417	104.028	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	710563	114.121	ug/L	99
71) Naphthalene	15.334	128	1395882	119.302	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	590047	104.210	ug/L	99

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

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