

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078298.D
 Acq On : 31 Jan 2024 18:35
 Operator : RP/MD
 Sample : VSTD10013
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100113

Quant Time: Feb 01 04:01:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 03:57:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	230275	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	235673	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	115045	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	653150	100.513	ug/L	0.00
7) Chloroethane-d5	2.793	69	545143	104.657	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	143861	87.690	ug/L	0.00
21) 2-Butanone-d5	6.987	46	211310	251.366	ug/L	0.00
24) Chloroform-d	7.569	84	671967	105.129	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	370358	113.722	ug/L	0.00
32) Benzene-d6	8.205	84	1386752	96.378	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	420875	96.140	ug/L	0.00
41) Toluene-d8	10.269	98	1303174	98.924	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	203054	103.736	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	201445	251.950	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	402517	119.647	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	442175	105.600	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	481195	123.012	ug/L	99
3) Chloromethane	2.152	50	670002	118.846	ug/L	97
5) Vinyl chloride	2.281	62	858682	123.339	ug/L	95
6) Bromomethane	2.681	94	467005	130.504	ug/L	99
8) Chloroethane	2.828	64	540198	123.608	ug/L	100
9) Trichlorofluoromethane	3.170	101	615007	106.131	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	388687	113.772	ug/L	99
12) 1,1-Dichloroethene	3.940	96	375176	116.286	ug/L	95
13) Acetone	4.028	43	294719	265.876	ug/L	97
14) Carbon disulfide	4.269	76	1295475	113.073	ug/L	98
15) Methyl Acetate	4.564	43	203534	129.816	ug/L	# 75
16) Methylene chloride	4.799	84	417988	98.193	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	407657	119.431	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	1040414	136.464	ug/L	100
19) 1,1-Dichloroethane	6.111	63	685724	108.362	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	460847	121.500	ug/L	93
22) 2-Butanone	7.081	43	377613	299.586	ug/L	98
23) Bromochloromethane	7.428	128	196867	121.895	ug/L	90
25) Chloroform	7.599	83	747498	117.832	ug/L	98
27) 1,2-Dichloroethane	8.328	62	496056	124.379	ug/L	97
29) Cyclohexane	7.881	56	615052	99.728	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	591519	100.299	ug/L	98
31) Carbon tetrachloride	7.993	117	523679	101.621	ug/L	98
33) Benzene	8.252	78	1716201	108.430	ug/L	100
34) Trichloroethene	9.028	95	419887	107.335	ug/L	93
35) Methylcyclohexane	9.275	83	731322	107.721	ug/L	97
37) 1,2-Dichloropropane	9.305	63	440717	107.370	ug/L	100
38) Bromodichloromethane	9.587	83	571492	112.241	ug/L	# 96
39) cis-1,3-Dichloropropene	10.016	75	745026	115.604	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	608580	255.806	ug/L	99
42) Toluene	10.334	91	1881827	112.547	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	660704	121.262	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	363043	125.135	ug/L	98
46) Tetrachloroethene	10.810	164	298822	97.895	ug/L	98
48) 2-Hexanone	10.922	43	520768	260.406	ug/L	97
49) Dibromochloromethane	11.075	129	405245	119.151	ug/L	96
50) 1,2-Dibromoethane	11.181	107	357699	127.595	ug/L	96
51) Chlorobenzene	11.604	112	1180362	113.406	ug/L	98
52) Ethylbenzene	11.681	91	2077760	112.844	ug/L	98
53) m,p-Xylene	11.793	106	789484	113.520	ug/L	99
54) o-Xylene	12.122	106	823420	123.483	ug/L	99
55) Styrene	12.134	104	1483412	126.284	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	467059	133.325	ug/L #	94
59) Bromoform	12.299	173	260810	128.927	ug/L	97
60) Isopropylbenzene	12.422	105	2070094	118.195	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	308563	131.071	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	1670856	126.350	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1680145	125.356	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	879676	115.765	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	903351	113.835	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	851370	123.015	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	68322	126.554	ug/L	83
69) 1,3,5-Trichlorobenzene	14.592	180	564413	110.959	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	505789	116.922	ug/L	97
71) Naphthalene	15.328	128	1251098	148.885	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	457469	118.561	ug/L	99

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

