

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
 Data File : VD078809.D
 Acq On : 11 Apr 2024 12:11
 Operator : RP/MD
 Sample : VSTD02523
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025123

Quant Time: Apr 12 06:45:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 06:43:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	243265	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	240048	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	123291	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	161017	24.028	ug/L	0.00
7) Chloroethane-d5	2.805	69	152011	24.082	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	30385	24.688	ug/L	0.00
21) 2-Butanone-d5	6.987	46	33916	53.534	ug/L	0.00
24) Chloroform-d	7.569	84	163959	27.608	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	79658	26.401	ug/L	0.00
32) Benzene-d6	8.205	84	336741	27.530	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	95731	27.198	ug/L	0.00
41) Toluene-d8	10.269	98	322549	27.962	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	43268	26.935	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	30566	53.754	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	91400	27.537	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	112097	26.658	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	88790	25.363	ug/L	100
3) Chloromethane	2.152	50	127750	25.470	ug/L	100
5) Vinyl chloride	2.287	62	193521	25.660	ug/L	100
6) Bromomethane	2.693	94	135540	24.728	ug/L	100
8) Chloroethane	2.840	64	136962	24.890	ug/L	100
9) Trichlorofluoromethane	3.181	101	142119	25.760	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	89093	24.975	ug/L	100
12) 1,1-Dichloroethene	3.946	96	80338	25.261	ug/L	100
13) Acetone	4.022	43	44049	53.608	ug/L	100
14) Carbon disulfide	4.275	76	283984	26.227	ug/L	100
15) Methyl Acetate	4.564	43	30804	25.317	ug/L	100
16) Methylene chloride	4.805	84	97644	23.166	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	90753	25.524	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	175814	25.847	ug/L	100
19) 1,1-Dichloroethane	6.111	63	144043	25.428	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	98274	25.424	ug/L	100
22) 2-Butanone	7.087	43	53413	53.018	ug/L	100
23) Bromochloromethane	7.422	128	48452	25.407	ug/L	100
25) Chloroform	7.599	83	169381	25.374	ug/L	100
27) 1,2-Dichloroethane	8.328	62	96048	25.600	ug/L	100
29) Cyclohexane	7.875	56	115345	28.284	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	139481	25.834	ug/L	100
31) Carbon tetrachloride	7.999	117	129123	26.676	ug/L	100
33) Benzene	8.252	78	369655	27.159	ug/L	100
34) Trichloroethene	9.028	95	94531	26.035	ug/L	100
35) Methylcyclohexane	9.275	83	147119	27.274	ug/L	100
37) 1,2-Dichloropropane	9.310	63	91918	26.338	ug/L	100
38) Bromodichloromethane	9.587	83	125889	26.217	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	145288	27.103	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	85636	53.721	ug/L	100
42) Toluene	10.334	91	413536	27.445	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	124651	26.536	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	78927	25.898	ug/L	100
46) Tetrachloroethene	10.810	164	79278	26.074	ug/L	100
48) 2-Hexanone	10.922	43	76494	60.971	ug/L	100
49) Dibromochloromethane	11.075	129	92350	26.170	ug/L	100
50) 1,2-Dibromoethane	11.181	107	77551	26.185	ug/L	100
51) Chlorobenzene	11.604	112	262435	25.823	ug/L	100
52) Ethylbenzene	11.681	91	434827	27.446	ug/L	100
53) m,p-Xylene	11.793	106	172348	27.616	ug/L	100
54) o-Xylene	12.122	106	165388	27.416	ug/L	100
55) Styrene	12.134	104	298467	27.607	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	93448	26.562	ug/L	100
59) Bromoform	12.298	173	61545	25.466	ug/L	100
60) Isopropylbenzene	12.422	105	423648	27.154	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	59556	26.171	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	260985	27.594	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	319909	27.563	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	201747	25.981	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	214919	26.172	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	190268	26.010	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	12625	24.368	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	126433	25.319	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	106626	25.320	ug/L	100
71) Naphthalene	15.334	128	211513	25.876	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	99334	25.762	ug/L	100

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

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