

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075760.D
 Acq On : 20 Apr 2023 11:33
 Operator : KP/SY
 Sample : VSTD02525
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025125

Quant Time: Apr 21 05:42:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:40:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	373441	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	350457	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	173577	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	227712	27.796	ug/L	0.00
7) Chloroethane-d5	2.805	69	188094	26.573	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	49475	26.195	ug/L	0.00
21) 2-Butanone-d5	6.987	46	36733	51.650	ug/L	0.00
24) Chloroform-d	7.569	84	244332	26.164	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	104216	26.133	ug/L	0.00
32) Benzene-d6	8.205	84	526076	25.755	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	146032	25.829	ug/L	0.00
41) Toluene-d8	10.269	98	505180	26.417	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	61182	26.181	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	34708	50.985	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110333	25.502	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	148690	24.218	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	124848	24.251	ug/L	100
3) Chloromethane	2.146	50	169787	23.658	ug/L	100
5) Vinyl chloride	2.281	62	223637	23.843	ug/L	100
6) Bromomethane	2.693	94	150392	23.862	ug/L	100
8) Chloroethane	2.840	64	142771	23.536	ug/L	100
9) Trichlorofluoromethane	3.175	101	172738	22.921	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	117938	23.293	ug/L	100
12) 1,1-Dichloroethene	3.940	96	111586	22.725	ug/L	100
13) Acetone	4.022	43	28316	46.525	ug/L	100
14) Carbon disulfide	4.269	76	404832	23.605	ug/L	100
15) Methyl Acetate	4.564	43	31603	23.960	ug/L	100
16) Methylene chloride	4.805	84	148401	19.589	ug/L	100
17) trans-1,2-Dichloroethene	5.316	96	128540	23.346	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	221795	25.114	ug/L	100
19) 1,1-Dichloroethane	6.111	63	193066	23.937	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	139730	24.001	ug/L	100
22) 2-Butanone	7.087	43	40979	51.647	ug/L	100
23) Bromochloromethane	7.428	128	66854	24.761	ug/L	100
25) Chloroform	7.599	83	218184	24.137	ug/L	100
27) 1,2-Dichloroethane	8.328	62	119267	25.561	ug/L	100
29) Cyclohexane	7.881	56	138091	23.017	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	166054	22.395	ug/L	100
31) Carbon tetrachloride	7.993	117	134332	22.581	ug/L	100
33) Benzene	8.252	78	504048	23.777	ug/L	100
34) Trichloroethene	9.028	95	125552	22.902	ug/L	100
35) Methylcyclohexane	9.275	83	197966	23.422	ug/L	100
37) 1,2-Dichloropropane	9.305	63	118376	24.310	ug/L	100
38) Bromodichloromethane	9.587	83	157448	23.980	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	191490	24.727	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	89486	50.403	ug/L	100
42) Toluene	10.334	91	565257	24.640	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	156291	25.122	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	101993	24.620	ug/L	100
46) Tetrachloroethene	10.810	164	100099	22.262	ug/L	100
48) 2-Hexanone	10.922	43	61079	48.800	ug/L	100
49) Dibromochloromethane	11.075	129	110184	24.431	ug/L	100
50) 1,2-Dibromoethane	11.181	107	93919	25.146	ug/L	100
51) Chlorobenzene	11.610	112	358895	23.914	ug/L	100
52) Ethylbenzene	11.687	91	564649	24.003	ug/L	100
53) m,p-Xylene	11.793	106	231209	24.683	ug/L	100
54) o-Xylene	12.122	106	219007	24.616	ug/L	100
55) Styrene	12.134	104	400046	25.835	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	105142	24.944	ug/L	100
59) Bromoform	12.304	173	64087	24.091	ug/L	100
60) Isopropylbenzene	12.422	105	544276	23.648	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	65805	24.133	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	418117	24.362	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	412806	24.952	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	260962	23.697	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	266839	23.087	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	235294	23.926	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	12257	22.486	ug/L	100
69) 1,3,5-Trichlorobenzene	14.598	180	154279	20.902	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	126348	20.656	ug/L	100
71) Naphthalene	15.334	128	243078	21.715	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	114963	21.055	ug/L	100

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

