

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030123\
 Data File : VD075428.D
 Acq On : 01 Mar 2023 15:29
 Operator : KP/SY
 Sample : VSTD05014
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050114

Quant Time: Mar 02 01:03:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:01:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	385110	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	341680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	176790	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	388612	40.641	ug/L	0.00
7) Chloroethane-d5	2.805	69	339384	41.003	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	402346	45.047	ug/L	0.00
21) 2-Butanone-d5	6.987	46	74411	83.974	ug/L	0.00
24) Chloroform-d	7.569	84	433516	42.954	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	185041	42.322	ug/L	0.00
32) Benzene-d6	8.199	84	894899	44.102	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	251015	43.768	ug/L	0.00
41) Toluene-d8	10.269	98	841309	45.448	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	105774	45.133	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	76634	92.624	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	203648	42.450	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	281021	45.444	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	284638	48.041	ug/L	99
3) Chloromethane	2.146	50	457676	45.934	ug/L	100
5) Vinyl chloride	2.287	62	610414	48.714	ug/L	99
6) Bromomethane	2.693	94	288251	48.538	ug/L	99
8) Chloroethane	2.840	64	389427	48.956	ug/L	100
9) Trichlorofluoromethane	3.175	101	460981	49.143	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	324523	50.080	ug/L	99
12) 1,1-Dichloroethene	3.940	96	288322	50.522	ug/L	96
13) Acetone	4.022	43	93835	93.214	ug/L	95
14) Carbon disulfide	4.269	76	775273	48.590	ug/L	99
15) Methyl Acetate	4.563	43	76472	44.732	ug/L	96
16) Methylene chloride	4.799	84	309050	37.981	ug/L	99
17) trans-1,2-Dichloroethene	5.305	96	308569	50.448	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	585492	51.508	ug/L	98
19) 1,1-Dichloroethane	6.110	63	510215	49.309	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	352103	50.959	ug/L	99
22) 2-Butanone	7.081	43	116990	92.102	ug/L	97
23) Bromochloromethane	7.428	128	146290	49.419	ug/L	89
25) Chloroform	7.593	83	552005	48.926	ug/L	100
27) 1,2-Dichloroethane	8.328	62	289776	47.627	ug/L	98
29) Cyclohexane	7.875	56	408726	55.905	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	462114	50.300	ug/L	99
31) Carbon tetrachloride	7.993	117	384860	52.742	ug/L	98
33) Benzene	8.251	78	1265439	51.534	ug/L	100
34) Trichloroethene	9.028	95	322526	50.294	ug/L	93
35) Methylcyclohexane	9.275	83	546743	54.647	ug/L	99
37) 1,2-Dichloropropane	9.304	63	302909	50.200	ug/L	100
38) Bromodichloromethane	9.587	83	397178	49.759	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	482905	52.294	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	240598	103.975	ug/L	99
42) Toluene	10.334	91	1432159	53.250	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	392749	51.621	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	239514	49.698	ug/L	96
46) Tetrachloroethene	10.810	164	251880	51.259	ug/L	99
48) 2-Hexanone	10.922	43	174897	102.727	ug/L	98
49) Dibromochloromethane	11.075	129	266866	50.692	ug/L	98
50) 1,2-Dibromoethane	11.181	107	214905	49.331	ug/L	95
51) Chlorobenzene	11.610	112	903094	51.686	ug/L	99
52) Ethylbenzene	11.687	91	1556234	54.437	ug/L	100
53) m,p-Xylene	11.798	106	623617	55.366	ug/L	95
54) o-Xylene	12.122	106	602790	56.574	ug/L	99
55) Styrene	12.140	104	1048317	55.396	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	261852	49.643	ug/L	98
59) Bromoform	12.298	173	153560	48.137	ug/L	99
60) Isopropylbenzene	12.422	105	1618312	54.428	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	165112	46.591	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	1254495	56.204	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	1225046	56.131	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	681694	51.828	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	695375	51.396	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	603736	51.516	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	32940	47.864	ug/L	90
69) 1,3,5-Trichlorobenzene	14.598	180	428680	51.974	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	352740	53.190	ug/L	98
71) Naphthalene	15.333	128	701610	53.342	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	310488	53.116	ug/L	100

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

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