

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062724\
 Data File : VD079274.D
 Acq On : 27 Jun 2024 13:58
 Operator : RP/MD
 Sample : VSTD10035
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100835

Quant Time: Jun 28 06:04:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM062724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 28 06:00:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	189025	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	201516	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107217	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	588389	109.020	ug/L	0.00
7) Chloroethane-d5	2.787	69	505208	106.176	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	122786	115.698	ug/L	0.00
21) 2-Butanone-d5	6.981	46	151137	238.305	ug/L	0.00
24) Chloroform-d	7.569	84	619940	106.743	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	301602	108.392	ug/L	0.00
32) Benzene-d6	8.199	84	1353097	111.128	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	400636	109.622	ug/L	0.00
41) Toluene-d8	10.269	98	1308127	118.695	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	183944	115.385	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	150221	251.681	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	384111	107.513	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	472453	113.550	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	329400	100.881	ug/L	99
3) Chloromethane	2.146	50	454021	99.102	ug/L	99
5) Vinyl chloride	2.276	62	618888	102.026	ug/L	98
6) Bromomethane	2.675	94	452574	109.283	ug/L	98
8) Chloroethane	2.823	64	405256	100.159	ug/L	99
9) Trichlorofluoromethane	3.164	101	456294	101.116	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	290742	100.800	ug/L	97
12) 1,1-Dichloroethene	3.934	96	294132	112.499	ug/L	99
13) Acetone	4.017	43	102576	212.292	ug/L	98
14) Carbon disulfide	4.264	76	974810	103.123	ug/L	99
15) Methyl Acetate	4.564	43	120805	105.429	ug/L	93
16) Methylene chloride	4.799	84	345256	73.140	ug/L	97
17) trans-1,2-Dichloroethene	5.305	96	324226	111.910	ug/L	97
18) Methyl tert-butyl Ether	5.311	73	721433	121.168	ug/L	99
19) 1,1-Dichloroethane	6.105	63	496299	102.001	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	368403	113.462	ug/L	97
22) 2-Butanone	7.075	43	170271	236.977	ug/L	96
23) Bromochloromethane	7.422	128	170183	103.806	ug/L	95
25) Chloroform	7.593	83	560129	101.918	ug/L	100
27) 1,2-Dichloroethane	8.322	62	327648	104.605	ug/L #	92
29) Cyclohexane	7.875	56	419183	118.081	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	437632	100.249	ug/L	99
31) Carbon tetrachloride	7.987	117	383094	97.275	ug/L	99
33) Benzene	8.252	78	1367302	108.599	ug/L	100
34) Trichloroethene	9.028	95	321922	104.609	ug/L	93
35) Methylcyclohexane	9.269	83	547893	115.482	ug/L	98
37) 1,2-Dichloropropane	9.305	63	335180	101.886	ug/L	100
38) Bromodichloromethane	9.587	83	419121	99.464	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	553657	114.687	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	364501	233.736	ug/L	99
42) Toluene	10.334	91	1527298	113.994	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	477932	113.306	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	292613	103.514	ug/L	94
46) Tetrachloroethene	10.810	164	266574	108.789	ug/L	97
48) 2-Hexanone	10.922	43	269789	236.999	ug/L	98
49) Dibromochloromethane	11.069	129	327374	107.236	ug/L	95
50) 1,2-Dibromoethane	11.175	107	272730	102.557	ug/L	89
51) Chlorobenzene	11.604	112	970978	106.943	ug/L	96
52) Ethylbenzene	11.681	91	1636386	118.339	ug/L	99
53) m,p-Xylene	11.793	106	647990	118.817	ug/L	92
54) o-Xylene	12.116	106	673930	122.951	ug/L	95
55) Styrene	12.134	104	1212516	123.684	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	357997	103.853	ug/L #	99
59) Bromoform	12.299	173	214740	102.060	ug/L	98
60) Isopropylbenzene	12.416	105	1657131	118.426	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	225089	98.971	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	1211987	121.727	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	1346004	124.164	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	764813	108.861	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	796174	107.472	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	744415	109.688	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	46395	101.467	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	487230	111.113	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	426349	117.262	ug/L	99
71) Naphthalene	15.328	128	981927	124.413	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	401062	116.030	ug/L	99

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

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