

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079812.D
 Acq On : 10 Sep 2024 13:24
 Operator : RP/MD
 Sample : VSTD10041
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100841

Quant Time: Sep 11 05:56:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 05:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	203598	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	201564	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	95949	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	829890	93.739	ug/L	0.00
7) Chloroethane-d5	2.793	69	650094	92.747	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	166083	103.324	ug/L	0.00
21) 2-Butanone-d5	6.987	46	170375	207.129	ug/L	0.00
24) Chloroform-d	7.563	84	669097	99.976	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	352384	100.691	ug/L	0.00
32) Benzene-d6	8.199	84	1441457	101.295	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	430137	98.693	ug/L	0.00
41) Toluene-d8	10.269	98	1347399	107.601	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	191210	102.046	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	162000	228.021	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	318240	99.368	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	383456	105.973	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	367759	94.729	ug/L	98
3) Chloromethane	2.146	50	629154	92.449	ug/L	99
5) Vinyl chloride	2.281	62	812201	97.394	ug/L	99
6) Bromomethane	2.687	94	463480	111.086	ug/L	97
8) Chloroethane	2.828	64	524385	95.177	ug/L	97
9) Trichlorofluoromethane	3.169	101	553295	92.276	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	318524	95.972	ug/L	98
12) 1,1-Dichloroethene	3.934	96	321107	103.876	ug/L	99
13) Acetone	4.022	43	219427	218.806	ug/L	96
14) Carbon disulfide	4.269	76	933279	92.813	ug/L	100
15) Methyl Acetate	4.563	43	158195	99.031	ug/L #	80
16) Methylene chloride	4.799	84	354333	88.077	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	338777	102.778	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	859722	115.944	ug/L	99
19) 1,1-Dichloroethane	6.110	63	651288	99.477	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	397633	109.565	ug/L	93
22) 2-Butanone	7.081	43	267415	227.321	ug/L	94
23) Bromochloromethane	7.428	128	154277	100.159	ug/L	97
25) Chloroform	7.593	83	665781	97.690	ug/L	96
27) 1,2-Dichloroethane	8.322	62	410352	98.514	ug/L	99
29) Cyclohexane	7.875	56	540610	108.433	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	533482	97.097	ug/L	99
31) Carbon tetrachloride	7.987	117	475413	97.662	ug/L	99
33) Benzene	8.252	78	1550953	103.336	ug/L	100
34) Trichloroethene	9.028	95	353274	101.681	ug/L	94
35) Methylcyclohexane	9.269	83	606997	108.458	ug/L	98
37) 1,2-Dichloropropane	9.304	63	419462	102.479	ug/L #	100
38) Bromodichloromethane	9.581	83	478276	100.281	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	656341	114.190	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	487314	227.437	ug/L	100
42) Toluene	10.334	91	1689421	106.860	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	562372	111.020	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	285093	101.947	ug/L	96
46) Tetrachloroethene	10.810	164	240068	101.964	ug/L	92
48) 2-Hexanone	10.916	43	395571	226.968	ug/L	99
49) Dibromochloromethane	11.069	129	313712	102.776	ug/L	98
50) 1,2-Dibromoethane	11.175	107	247999	102.676	ug/L	95
51) Chlorobenzene	11.604	112	984082	103.721	ug/L	99
52) Ethylbenzene	11.681	91	1837763	110.654	ug/L	100
53) m,p-Xylene	11.793	106	688304	109.419	ug/L	95
54) o-Xylene	12.116	106	712996	115.599	ug/L	99
55) Styrene	12.134	104	1263569	116.566	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	335714	102.416	ug/L	95
59) Bromoform	12.293	173	158707	95.819	ug/L	99
60) Isopropylbenzene	12.416	105	1822719	110.031	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	229637	97.367	ug/L	99
62) 1,3,5-Trimethylbenzene	12.898	105	1491534	123.114	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	1493599	117.561	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	728345	106.393	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	739714	103.017	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	683911	110.531	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	49225	102.008	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	454323	109.451	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	386278	110.526	ug/L	99
71) Naphthalene	15.328	128	890710	114.107	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	344288	110.131	ug/L	98

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

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