

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120524\
 Data File : VD080102.D
 Acq On : 05 Dec 2024 11:12
 Operator : RP/MD
 Sample : VSTD02552
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025852

Quant Time: Dec 06 00:47:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 00:46:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	283935	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	271605	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	145794	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	127037	25.000	ug/L	0.00
7) Chloroethane-d5	2.793	69	99091	25.000	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	41723	25.000	ug/L	0.00
21) 2-Butanone-d5	6.993	46	46230	50.000	ug/L	0.00
24) Chloroform-d	7.569	84	196992	25.000	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	106358	25.000	ug/L	0.00
32) Benzene-d6	8.205	84	402433	25.000	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	126127	25.000	ug/L	0.00
41) Toluene-d8	10.269	98	387388	25.000	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	54824	25.000	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	39155	50.000	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108286	25.000	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	130904	25.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	118998	25.000	ug/L	96
3) Chloromethane	2.146	50	111395	25.000	ug/L	95
5) Vinyl chloride	2.281	62	145079	25.000	ug/L	93
6) Bromomethane	2.687	94	72538	25.000	ug/L	96
8) Chloroethane	2.834	64	82859	25.000	ug/L	95
9) Trichlorofluoromethane	3.169	101	174108	25.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	101720	25.000	ug/L	98
12) 1,1-Dichloroethene	3.940	96	91243	25.000	ug/L	92
13) Acetone	4.028	43	68272	50.000	ug/L	97
14) Carbon disulfide	4.264	76	336451	25.000	ug/L	96
15) Methyl Acetate	4.569	43	42803	25.000	ug/L #	80
16) Methylene chloride	4.799	84	107351	25.000	ug/L	94
17) trans-1,2-Dichloroethene	5.311	96	102163	25.000	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	207511	25.000	ug/L	98
19) 1,1-Dichloroethane	6.111	63	183546	25.000	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	111272	25.000	ug/L	97
22) 2-Butanone	7.087	43	72462	50.000	ug/L	98
23) Bromochloromethane	7.422	128	50554	25.000	ug/L	94
25) Chloroform	7.599	83	200627	25.000	ug/L	98
27) 1,2-Dichloroethane	8.328	62	120515	25.000	ug/L	97
29) Cyclohexane	7.875	56	152702	25.000	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	158563	25.000	ug/L	99
31) Carbon tetrachloride	7.993	117	142607	25.000	ug/L	98
33) Benzene	8.252	78	430437	25.000	ug/L	100
34) Trichloroethene	9.028	95	105603	25.000	ug/L	96
35) Methylcyclohexane	9.275	83	174799	25.000	ug/L	99
37) 1,2-Dichloropropane	9.304	63	114781	25.000	ug/L	99
38) Bromodichloromethane	9.587	83	139552	25.000	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	168510	25.000	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	122018	50.000	ug/L	99
42) Toluene	10.334	91	475091	25.000	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	148041	25.000	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	84341	25.000	ug/L	98
46) Tetrachloroethene	10.810	164	88998	25.000	ug/L	92
48) 2-Hexanone	10.922	43	110405	50.000	ug/L	99
49) Dibromochloromethane	11.069	129	96373	25.000	ug/L	96
50) 1,2-Dibromoethane	11.181	107	80368	25.000	ug/L #	98
51) Chlorobenzene	11.604	112	290030	25.000	ug/L	97
52) Ethylbenzene	11.681	91	509398	25.000	ug/L	100
53) m,p-Xylene	11.793	106	194115	25.000	ug/L	89
54) o-Xylene	12.122	106	186490	25.000	ug/L	95
55) Styrene	12.134	104	333263	25.000	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	101112	25.000	ug/L	98
59) Bromoform	12.298	173	62073	25.000	ug/L	98
60) Isopropylbenzene	12.422	105	492984	25.000	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	68889	25.000	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	391696	25.000	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	389713	25.000	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	234430	25.000	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	239548	25.000	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	212595	25.000	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	15317	25.000	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	160764	25.000	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	133898	25.000	ug/L	100
71) Naphthalene	15.334	128	239383	25.000	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	121851	25.000	ug/L	100

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

