

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111224\
 Data File : VD079993.D
 Acq On : 12 Nov 2024 11:29
 Operator : RP/MD
 Sample : VSTD05047
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050847

Quant Time: Nov 13 01:45:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 01:43:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	278997	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	268371	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	143686	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	149179	35.872	ug/L	0.00
7) Chloroethane-d5	2.799	69	129598	37.570	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	72538	42.550	ug/L	0.00
21) 2-Butanone-d5	6.987	46	80202	90.840	ug/L	0.00
24) Chloroform-d	7.569	84	381763	48.180	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	192532	44.810	ug/L	0.00
32) Benzene-d6	8.205	84	733333	47.515	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	233601	46.918	ug/L	0.00
41) Toluene-d8	10.269	98	697366	49.639	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	97455	48.635	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	75213	102.600	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	187940	47.125	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	238464	47.891	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	194683	45.888	ug/L	99
3) Chloromethane	2.146	50	154047	44.392	ug/L	95
5) Vinyl chloride	2.287	62	185420	42.561	ug/L	95
6) Bromomethane	2.693	94	141296	45.903	ug/L	95
8) Chloroethane	2.840	64	113885	41.053	ug/L	96
9) Trichlorofluoromethane	3.175	101	338032	46.391	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	216059	48.791	ug/L	95
12) 1,1-Dichloroethene	3.940	96	194416	52.009	ug/L	93
13) Acetone	4.022	43	100124	95.804	ug/L	99
14) Carbon disulfide	4.275	76	596240	47.751	ug/L	99
15) Methyl Acetate	4.569	43	71676	44.108	ug/L #	79
16) Methylene chloride	4.805	84	212604	45.926	ug/L	93
17) trans-1,2-Dichloroethene	5.311	96	211522	51.296	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	433507	54.012	ug/L	98
19) 1,1-Dichloroethane	6.116	63	380335	49.461	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	234155	52.154	ug/L	99
22) 2-Butanone	7.087	43	124929	102.048	ug/L	97
23) Bromochloromethane	7.428	128	107923	48.406	ug/L	96
25) Chloroform	7.599	83	417691	46.989	ug/L	98
27) 1,2-Dichloroethane	8.328	62	245450	47.286	ug/L	99
29) Cyclohexane	7.881	56	326298	56.240	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	338203	49.249	ug/L	99
31) Carbon tetrachloride	7.993	117	296716	49.209	ug/L	99
33) Benzene	8.252	78	878833	52.401	ug/L	100
34) Trichloroethene	9.028	95	226626	50.388	ug/L	95
35) Methylcyclohexane	9.275	83	366685	55.782	ug/L	99
37) 1,2-Dichloropropane	9.305	63	235381	50.242	ug/L	99
38) Bromodichloromethane	9.587	83	294043	49.252	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	364062	53.794	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	232023	104.889	ug/L	98
42) Toluene	10.334	91	978259	53.398	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	302432	51.882	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	175619	49.204	ug/L	94
46) Tetrachloroethene	10.810	164	184433	48.211	ug/L	99
48) 2-Hexanone	10.922	43	195650	109.683	ug/L	98
49) Dibromochloromethane	11.075	129	202523	48.180	ug/L	97
50) 1,2-Dibromoethane	11.181	107	158942	48.807	ug/L #	97
51) Chlorobenzene	11.604	112	607553	50.584	ug/L	96
52) Ethylbenzene	11.681	91	1083863	54.821	ug/L	99
53) m,p-Xylene	11.793	106	410739	55.405	ug/L	93
54) o-Xylene	12.122	106	396235	56.078	ug/L	99
55) Styrene	12.134	104	708306	55.721	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	196794	47.470	ug/L	99
59) Bromoform	12.299	173	126281	47.619	ug/L	99
60) Isopropylbenzene	12.422	105	1071273	54.543	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	135332	48.323	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	866266	56.158	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	859555	55.964	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	494274	51.268	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	502812	49.786	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	447490	50.236	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	29427	48.219	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	342235	52.552	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	287204	52.339	ug/L	100
71) Naphthalene	15.328	128	501642	53.510	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	260261	53.724	ug/L	99

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

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