

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080122.D
 Acq On : 11 Dec 2024 09:29
 Operator : RP/MD
 Sample : VSTD2.556
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5856

Quant Time: Dec 12 00:20:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:19:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 12/12/2024
 Supervised By :Mahesh Dadoda 12/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	218776	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	171976	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	10764	3.087	ug/L	0.00
7) Chloroethane-d5	2.793	69	9427	3.032	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	3632	2.709	ug/L	0.00
21) 2-Butanone-d5	7.011	46	4061m	5.528	ug/L	0.02
24) Chloroform-d	7.569	84	16281	2.695	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	8390	2.625	ug/L	0.00
32) Benzene-d6	8.199	84	27758	2.716	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	9898	2.853	ug/L	0.00
41) Toluene-d8	10.269	98	24450	2.532	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	4258	2.997	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	2470	4.707	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	8100	2.728	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	8148	2.675	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	8314	2.062	ug/L	96
3) Chloromethane	2.158	50	9334	2.945	ug/L	98
5) Vinyl chloride	2.281	62	12046	2.749	ug/L	98
6) Bromomethane	2.693	94	7724	2.645	ug/L	89
8) Chloroethane	2.834	64	8242	2.822	ug/L	96
9) Trichlorofluoromethane	3.170	101	15998	2.502	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	9375	2.474	ug/L #	84
12) 1,1-Dichloroethene	3.940	96	7662	2.316	ug/L	73
13) Acetone	4.028	43	7969m	6.031	ug/L	
14) Carbon disulfide	4.269	76	25772	2.401	ug/L	99
15) Methyl Acetate	4.575	43	3797m	2.396	ug/L	
16) Methylene chloride	4.805	84	10235m	2.723	ug/L	
17) trans-1,2-Dichloroethene	5.299	96	7809m	2.326	ug/L	
18) Methyl tert-butyl Ether	5.322	73	15907m	2.207	ug/L	
19) 1,1-Dichloroethane	6.111	63	16390	2.566	ug/L #	86
20) cis-1,2-Dichloroethene	7.087	96	8807m	2.447	ug/L	
22) 2-Butanone	7.087	43	6733m	5.125	ug/L	
23) Bromochloromethane	7.422	128	4811	2.742	ug/L	93
25) Chloroform	7.593	83	21085	2.919	ug/L	99
27) 1,2-Dichloroethane	8.328	62	10563	2.557	ug/L #	82
29) Cyclohexane	7.875	56	8890	2.172	ug/L	85
30) 1,1,1-Trichloroethane	7.793	97	15131	3.038	ug/L	98
31) Carbon tetrachloride	7.993	117	11965	2.899	ug/L	96
33) Benzene	8.252	78	33817	2.723	ug/L	100
34) Trichloroethene	9.028	95	9729	2.882	ug/L	93
35) Methylcyclohexane	9.275	83	11526	2.311	ug/L	96
37) 1,2-Dichloropropane	9.305	63	10470	2.942	ug/L #	96
38) Bromodichloromethane	9.587	83	13628	3.037	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	13685	2.694	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	9976	5.070	ug/L	98
42) Toluene	10.334	91	33673	2.499	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	10992	2.627	ug/L	87

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

45) 1,1,2-Trichloroethane	10.728	97	7539	2.945	ug/L	93
46) Tetrachloroethene	10.804	164	6303	2.696	ug/L	89
48) 2-Hexanone	10.922	43	7602	4.843	ug/L #	98
49) Dibromochloromethane	11.069	129	7795	2.805	ug/L	80
50) 1,2-Dibromoethane	11.181	107	6169	2.718	ug/L	91
51) Chlorobenzene	11.604	112	21567	2.674	ug/L	96
52) Ethylbenzene	11.681	91	31795	2.376	ug/L	98
53) m,p-Xylene	11.793	106	12949	2.531	ug/L	77
54) o-Xylene	12.122	106	12141	2.473	ug/L	84
55) Styrene	12.134	104	21423	2.411	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	9436	2.894	ug/L	87
59) Bromoform	12.293	173	5512	3.397	ug/L	93
60) Isopropylbenzene	12.416	105	34995	2.915	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	6341	3.048	ug/L	94
62) 1,3,5-Trimethylbenzene	12.898	105	24505	2.448	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	22428	2.355	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	15527	2.659	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	17469	2.775	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	14632	2.595	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.451	75	1268	3.022	ug/L	86
69) 1,3,5-Trichlorobenzene	14.592	180	13707	3.398	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	9758	3.026	ug/L	96
71) Naphthalene	15.328	128	17289	2.822	ug/L	97
72) 1,2,3-Trichlorobenzene	15.516	180	10868	3.348	ug/L	96

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

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