

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078956.D
 Acq On : 17 May 2024 09:38
 Operator : RP/MD
 Sample : VSTD2.527
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5127

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/20/2024
 Supervised By :Semsettin Yesilyurt 05/20/2024

Quant Time: May 18 00:34:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:33:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	127317	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	131548	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	65250	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	8715	2.792	ug/L	0.00
7) Chloroethane-d5	2.805	69	10087	3.019	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	2028	3.377	ug/L	0.00
21) 2-Butanone-d5	7.005	46	2417m	5.471	ug/L	0.01
24) Chloroform-d	7.569	84	11214	2.959	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	5635	3.131	ug/L	0.00
32) Benzene-d6	8.199	84	19979	2.977	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	6596	3.225	ug/L	0.00
41) Toluene-d8	10.269	98	17759	2.870	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	2741	2.909	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	1895	4.623	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	7032	3.023	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	6889	3.111	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	8121	3.188	ug/L	94
3) Chloromethane	2.152	50	9907	3.170	ug/L	96
5) Vinyl chloride	2.287	62	14535	2.842	ug/L	94
6) Bromomethane	2.693	94	9742	2.664	ug/L	91
8) Chloroethane	2.840	64	11885	3.009	ug/L	93
9) Trichlorofluoromethane	3.175	101	12132	3.042	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	6927	2.767	ug/L #	51
12) 1,1-Dichloroethene	3.940	96	5262	2.390	ug/L	85
13) Acetone	4.017	43	3269m	5.990	ug/L	
14) Carbon disulfide	4.269	76	19407	3.042	ug/L #	91
15) Methyl Acetate	4.575	43	2196m	2.438	ug/L	
16) Methylene chloride	4.811	84	13042	4.324	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	5970	2.663	ug/L	83
18) Methyl tert-butyl Ether	5.322	73	10973	2.296	ug/L #	76
19) 1,1-Dichloroethane	6.111	63	10258	2.725	ug/L	89
20) cis-1,2-Dichloroethene	7.069	96	6305m	2.466	ug/L	
22) 2-Butanone	7.087	43	3561m	5.804	ug/L	
23) Bromochloromethane	7.422	128	3234	2.531	ug/L #	86
25) Chloroform	7.599	83	12656	2.797	ug/L	100
27) 1,2-Dichloroethane	8.328	62	6970	2.659	ug/L	97
29) Cyclohexane	7.881	56	6721	2.658	ug/L #	86
30) 1,1,1-Trichloroethane	7.787	97	8976	2.466	ug/L	92
31) Carbon tetrachloride	7.993	117	8543	2.549	ug/L	98
33) Benzene	8.252	78	23068	2.558	ug/L	100
34) Trichloroethene	9.022	95	6350	2.733	ug/L	81
35) Methylcyclohexane	9.275	83	7540	2.159	ug/L	90
37) 1,2-Dichloropropane	9.304	63	5820	2.547	ug/L #	85
38) Bromodichloromethane	9.587	83	8614	2.666	ug/L #	89
39) cis-1,3-Dichloropropene	10.016	75	8892	2.480	ug/L	93
40) 4-Methyl-2-pentanone	10.157	43	5236	4.536	ug/L #	90
42) Toluene	10.334	91	22769	2.297	ug/L	92
44) trans-1,3-Dichloropropene	10.551	75	7625	2.406	ug/L	90

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45) 1,1,2-Trichloroethane	10.734	97	5561	2.661	ug/L	95
46) Tetrachloroethene	10.816	164	5249	2.626	ug/L	85
48) 2-Hexanone	10.922	43	3415	3.816	ug/L #	89
49) Dibromochloromethane	11.069	129	6425	2.529	ug/L	80
50) 1,2-Dibromoethane	11.175	107	5492	2.782	ug/L #	91
51) Chlorobenzene	11.604	112	18094	2.583	ug/L	95
52) Ethylbenzene	11.687	91	23088	2.158	ug/L	86
53) m,p-Xylene	11.793	106	9270	2.166	ug/L	75
54) o-Xylene	12.122	106	8023	1.924	ug/L	94
55) Styrene	12.134	104	14097	1.913	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.669	83	6431	2.537	ug/L #	99
59) Bromoform	12.304	173	4142	2.805	ug/L #	87
60) Isopropylbenzene	12.422	105	22596	2.342	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	4295	2.872	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	13818	1.938	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	14872	2.053	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	11344	2.421	ug/L	89
65) 1,4-Dichlorobenzene	13.540	146	12552	2.485	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	10742	2.423	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.440	75	612m	1.964	ug/L	
69) 1,3,5-Trichlorobenzene	14.592	180	7569	2.488	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	6056	2.351	ug/L	92
71) Naphthalene	15.328	128	11668	2.220	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.522	180	5249	2.180	ug/L #	95

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

