

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
 Data File : VD078807.D
 Acq On : 11 Apr 2024 11:16
 Operator : RP/MD
 Sample : VSTD2.521
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5121

Quant Time: Apr 12 06:44:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 06:43:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/12/2024
 Supervised By :Semsettin Yesilyurt 04/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	228312	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	227804	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102814	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	15902	2.528	ug/L	0.00
7) Chloroethane-d5	2.805	69	14973	2.527	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	2798	2.422	ug/L	0.00
21) 2-Butanone-d5	6.987	46	2250m	3.784	ug/L	0.00
24) Chloroform-d	7.575	84	11058	1.984	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	5604	1.979	ug/L	0.00
32) Benzene-d6	8.205	84	23862	2.056	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	6837	2.047	ug/L	0.00
41) Toluene-d8	10.269	98	20808	1.901	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	2983	1.957	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	1990	3.688	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	6217	1.974	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	7086	2.021	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	8197	2.495	ug/L	99
3) Chloromethane	2.152	50	12133	2.577	ug/L	87
5) Vinyl chloride	2.287	62	17090	2.414	ug/L	90
6) Bromomethane	2.699	94	11278	2.192	ug/L	88
8) Chloroethane	2.840	64	12212	2.365	ug/L	99
9) Trichlorofluoromethane	3.175	101	12048	2.327	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	8099	2.419	ug/L #	87
12) 1,1-Dichloroethene	3.940	96	7034	2.357	ug/L	82
13) Acetone	4.028	43	3676m	4.767	ug/L	
14) Carbon disulfide	4.275	76	23436	2.306	ug/L #	92
15) Methyl Acetate	4.569	43	2489m	2.180	ug/L	
16) Methylene chloride	4.805	84	11664m	2.949	ug/L	
17) trans-1,2-Dichloroethene	5.311	96	7704	2.309	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	12578	1.970	ug/L #	84
19) 1,1-Dichloroethane	6.116	63	12715	2.392	ug/L #	95
20) cis-1,2-Dichloroethene	7.081	96	8416	2.320	ug/L #	73
22) 2-Butanone	7.093	43	4401m	4.655	ug/L	
23) Bromochloromethane	7.416	128	4387m	2.451	ug/L	
25) Chloroform	7.593	83	15614	2.492	ug/L	96
27) 1,2-Dichloroethane	8.328	62	8132	2.309	ug/L #	92
29) Cyclohexane	7.875	56	7364	1.903	ug/L #	89
30) 1,1,1-Trichloroethane	7.799	97	12430	2.426	ug/L	96
31) Carbon tetrachloride	7.999	117	10740m	2.338	ug/L	
33) Benzene	8.258	78	27166	2.103	ug/L	100
34) Trichloroethene	9.034	95	8313	2.413	ug/L	91
35) Methylcyclohexane	9.281	83	10253	2.003	ug/L	98
37) 1,2-Dichloropropane	9.305	63	7826	2.363	ug/L #	92
38) Bromodichloromethane	9.587	83	10612	2.329	ug/L	98
39) cis-1,3-Dichloropropene	10.022	75	9869	1.940	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	6635	4.386	ug/L #	88
42) Toluene	10.334	91	28539	1.996	ug/L	94
44) trans-1,3-Dichloropropene	10.551	75	9000	2.019	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	6934	2.398	ug/L #	89
46) Tetrachloroethene	10.804	164	6476	2.244	ug/L	86
48) 2-Hexanone	10.922	43	3611	3.033	ug/L #	85
49) Dibromochloromethane	11.075	129	7309	2.183	ug/L	91
50) 1,2-Dibromoethane	11.181	107	6118	2.177	ug/L #	92
51) Chlorobenzene	11.604	112	21341	2.213	ug/L	93
52) Ethylbenzene	11.687	91	29418	1.957	ug/L	93
53) m,p-Xylene	11.793	106	11505	1.943	ug/L	81
54) o-Xylene	12.116	106	10256	1.792	ug/L	80
55) Styrene	12.134	104	17169	1.673	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	7319	2.192	ug/L	94
59) Bromoform	12.298	173	4766	2.365	ug/L #	97
60) Isopropylbenzene	12.422	105	25288	1.944	ug/L	95
61) 1,2,3-Trichloropropane	12.722	75	4838	2.549	ug/L	93
62) 1,3,5-Trimethylbenzene	12.904	105	15440	1.958	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	17956	1.855	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	14353	2.217	ug/L #	88
65) 1,4-Dichlorobenzene	13.540	146	15631	2.283	ug/L	91
67) 1,2-Dichlorobenzene	13.828	146	13628	2.234	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.445	75	1183	2.738	ug/L #	45
69) 1,3,5-Trichlorobenzene	14.592	180	9557	2.295	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	8469	2.412	ug/L #	89
71) Naphthalene	15.334	128	13325	1.955	ug/L #	74
72) 1,2,3-Trichlorobenzene	15.516	180	6800	2.115	ug/L	91

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

