

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027943.D
 Acq On : 05 Feb 2024 09:43
 Operator : SY/MD
 Sample : VSTD2.510
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5410

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 02:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 02:00:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	299254	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	267445	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137682	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	9336	2.664	ug/L	0.00
7) Chloroethane-d5	2.899	69	6741	2.536	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	4018	2.679	ug/L	0.00
21) 2-Butanone-d5	7.100	46	2676m	4.903	ug/L	0.02
24) Chloroform-d	7.648	84	18695	2.672	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	8313	2.631	ug/L	0.00
32) Benzene-d6	8.276	84	36511	2.552	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	10254	2.643	ug/L	0.00
41) Toluene-d8	10.325	98	34842	2.545	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	3710	2.325	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	2419	4.584	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	7395	2.550	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	12140	2.594	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	7556	2.932	ug/L	98
3) Chloromethane	2.222	50	8728	3.084	ug/L	99
5) Vinyl chloride	2.375	62	11688	3.047	ug/L	96
6) Bromomethane	2.796	94	8183	3.019	ug/L	97
8) Chloroethane	2.942	64	6271	2.893	ug/L	93
9) Trichlorofluoromethane	3.277	101	9839	2.822	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	10446m	3.005	ug/L	
12) 1,1-Dichloroethene	4.045	96	9052	2.769	ug/L	85
13) Acetone	4.149	43	3247m	6.200	ug/L	
14) Carbon disulfide	4.387	76	30596	3.162	ug/L	95
15) Methyl Acetate	4.685	43	2544	2.886	ug/L #	73
16) Methylene chloride	4.929	84	13261	3.545	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	10167	2.895	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	11520	2.767	ug/L #	72
19) 1,1-Dichloroethane	6.216	63	16031m	2.810	ug/L	
20) cis-1,2-Dichloroethene	7.179	96	10061	2.713	ug/L	95
22) 2-Butanone	7.191	43	3191	5.220	ug/L	83
23) Bromochloromethane	7.520	128	4507	2.736	ug/L	93
25) Chloroform	7.679	83	17268	2.815	ug/L	93
27) 1,2-Dichloroethane	8.398	62	9401	2.752	ug/L #	89
29) Cyclohexane	7.953	56	13126	2.754	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	14679	2.843	ug/L	96
31) Carbon tetrachloride	8.069	117	13542	2.835	ug/L	98
33) Benzene	8.325	78	38107	2.853	ug/L	100
34) Trichloroethene	9.093	95	11143	2.906	ug/L	94
35) Methylcyclohexane	9.337	83	17576	2.785	ug/L	99
37) 1,2-Dichloropropane	9.368	63	8673	2.763	ug/L	98
38) Bromodichloromethane	9.642	83	11469	2.737	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	12868	2.558	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	6183	5.219	ug/L	96
42) Toluene	10.386	91	41428	2.766	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	9794	2.453	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	6918	2.784	ug/L	100
46) Tetrachloroethene	10.861	164	9096	2.819	ug/L	93
48) 2-Hexanone	10.971	43	4830	5.382	ug/L #	92
49) Dibromochloromethane	11.129	129	7577	2.675	ug/L	99
50) 1,2-Dibromoethane	11.233	107	6265	2.701	ug/L	91
51) Chlorobenzene	11.654	112	27590	2.770	ug/L	99
52) Ethylbenzene	11.727	91	45994	2.724	ug/L	98
53) m,p-Xylene	11.837	106	17816	2.690	ug/L	96
54) o-Xylene	12.160	106	16153	2.601	ug/L	98
55) Styrene	12.178	104	26301	2.542	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	7065	2.655	ug/L	97
59) Bromoform	12.343	173	4236	2.607	ug/L	98
60) Isopropylbenzene	12.458	105	44548	2.591	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	4950	2.694	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	34606	2.516	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	33336	2.476	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	21658	2.743	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	21914	2.729	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	19279	2.764	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	985m	2.700	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	14528	2.562	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	12758	2.786	ug/L	96
71) Naphthalene	15.360	128	16518	2.321	ug/L	96
72) 1,2,3-Trichlorobenzene	15.549	180	9721	2.544	ug/L	92

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

