

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080422\
 Data File : VW024155.D
 Acq On : 04 Aug 2022 09:21
 Operator : SY/VA
 Sample : VSTD2.507
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5407

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/07/2022
 Supervised By : Mahesh Dadoda 08/08/2022

Quant Time: Aug 05 00:32:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 00:24:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	305549	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	295444	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	149012	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	15292	2.394	ug/L	0.00
7) Chloroethane-d5	2.873	69	8618	2.166	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	18452	2.535	ug/L	0.00
21) 2-Butanone-d5	7.080	46	5457	4.214	ug/L	0.00
24) Chloroform-d	7.647	84	24255	2.624	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	14132	2.753	ug/L	0.00
32) Benzene-d6	8.269	84	44218	2.538	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	13253	2.576	ug/L	0.00
41) Toluene-d8	10.323	98	39007	2.395	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	5205	2.310	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3822	4.023	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	12527	2.510	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	13729	2.518	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	5172	1.924	ug/L #	88
3) Chloromethane	2.209	50	12047	2.390	ug/L	93
5) Vinyl chloride	2.349	62	17170	2.447	ug/L	98
6) Bromomethane	2.757	94	10375	2.578	ug/L	95
8) Chloroethane	2.910	64	6333	2.060	ug/L	90
9) Trichlorofluoromethane	3.239	101	9122	2.742	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	11642m	2.594	ug/L	
12) 1,1-Dichloroethene	4.025	96	8329	2.267	ug/L	96
13) Acetone	4.129	43	5480	6.196	ug/L	100
14) Carbon disulfide	4.379	76	28670	2.439	ug/L	99
15) Methyl Acetate	4.672	43	4942m	2.601	ug/L	
16) Methylene chloride	4.909	84	19537	3.626	ug/L	97
17) trans-1,2-Dichloroethene	5.409	96	10197m	2.397	ug/L	
18) Methyl tert-butyl Ether	5.415	73	12763	2.110	ug/L #	70
19) 1,1-Dichloroethane	6.214	63	18572	2.485	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	11487	2.462	ug/L #	91
22) 2-Butanone	7.177	43	9110m	6.033	ug/L	
23) Bromochloromethane	7.513	128	5771	2.487	ug/L	90
25) Chloroform	7.671	83	21041	2.555	ug/L	98
27) 1,2-Dichloroethane	8.403	62	13590	2.453	ug/L	98
29) Cyclohexane	7.945	56	12825	2.117	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	16331	2.451	ug/L	98
31) Carbon tetrachloride	8.061	117	15240	2.425	ug/L	99
33) Benzene	8.317	78	43019	2.465	ug/L	100
34) Trichloroethene	9.085	95	11646	2.525	ug/L	90
35) Methylcyclohexane	9.329	83	15836	2.190	ug/L	95
37) 1,2-Dichloropropane	9.372	63	10527	2.440	ug/L #	96
38) Bromodichloromethane	9.640	83	14610	2.415	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	13824	2.178	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	12306	4.299	ug/L	98
42) Toluene	10.384	91	40758	2.198	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	11920	2.056	ug/L	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	9011	2.479	ug/L	96
46) Tetrachloroethene	10.866	164	8591	2.301	ug/L	97
48) 2-Hexanone	10.969	43	7771	4.000	ug/L	95
49) Dibromochloromethane	11.128	129	9985	2.281	ug/L	99
50) 1,2-Dibromoethane	11.231	107	7971	2.288	ug/L	99
51) Chlorobenzene	11.652	112	30743	2.427	ug/L	94
52) Ethylbenzene	11.731	91	43767	2.154	ug/L	97
53) m,p-Xylene	11.841	106	16814	2.126	ug/L	97
54) o-Xylene	12.164	106	14778	1.978	ug/L	98
55) Styrene	12.176	104	23872	1.837	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.707	83	10808	2.379	ug/L	96
59) Bromoform	12.347	173	5347	2.352	ug/L #	97
60) Isopropylbenzene	12.463	105	38220	2.119	ug/L #	94
61) 1,2,3-Trichloropropane	12.768	75	7787	2.626	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	28888	1.938	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	28516	1.942	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	21336	2.415	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	23226	2.483	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	19512	2.326	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	1949	2.813	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	13780	2.379	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	9570	2.063	ug/L	99
71) Naphthalene	15.359	128	14968	1.657	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.554	180	8617	2.040	ug/L	97

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

