

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111521\
 Data File : VW020886.D
 Acq On : 15 Nov 2021 10:34
 Operator : SY/VA
 Sample : VSTD00520
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005420

Quant Time: Nov 15 11:27:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 15 11:26:49 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	122879	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	114024	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62834	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	6885	5.608	ug/L	0.00
7) Chloroethane-d5	2.891	69	3987	5.567	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	13410	5.372	ug/L	0.00
21) 2-Butanone-d5	7.080	46	3549	9.520	ug/L	0.00
24) Chloroform-d	7.653	84	15115	5.393	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	7521	5.093	ug/L	0.00
32) Benzene-d6	8.275	84	29476	5.473	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	8423	5.161	ug/L	0.00
41) Toluene-d8	10.323	98	29316	5.538	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	3822	4.749	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	2743	8.696	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	6399	4.845	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	11460	5.604	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	1676m	3.723	ug/L	
3) Chloromethane	2.221	50	5456	4.448	ug/L	95
5) Vinyl chloride	2.361	62	9690	5.283	ug/L	98
6) Bromomethane	2.782	94	5310	5.471	ug/L	91
8) Chloroethane	2.922	64	3754	5.417	ug/L	98
9) Trichlorofluoromethane	3.263	101	5644	5.715	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	8352	5.171	ug/L	# 87
12) 1,1-Dichloroethene	4.044	96	7707	5.034	ug/L	76
13) Acetone	4.129	43	3417	10.037	ug/L	97
14) Carbon disulfide	4.385	76	22570	5.033	ug/L	98
15) Methyl Acetate	4.678	43	2841	4.718	ug/L	98
16) Methylene chloride	4.922	84	9245	5.170	ug/L	84
17) trans-1,2-Dichloroethene	5.434	96	8359	5.140	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	12634	5.383	ug/L	95
19) 1,1-Dichloroethane	6.220	63	13635	4.857	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	8713	5.031	ug/L	75
22) 2-Butanone	7.177	43	4212	9.351	ug/L	# 71
23) Bromochloromethane	7.519	128	4014	4.999	ug/L	# 68
25) Chloroform	7.677	83	14801	5.001	ug/L	93
27) 1,2-Dichloroethane	8.403	62	8701	4.594	ug/L	98
29) Cyclohexane	7.958	56	13132	4.636	ug/L	# 84
30) 1,1,1-Trichloroethane	7.872	97	13451	5.013	ug/L	# 91
31) Carbon tetrachloride	8.067	117	12717	5.016	ug/L	99
33) Benzene	8.329	78	32570	4.886	ug/L	100
34) Trichloroethene	9.098	95	8832	4.939	ug/L	86
35) Methylcyclohexane	9.335	83	15365	5.005	ug/L	87
37) 1,2-Dichloropropane	9.366	63	7380	4.693	ug/L	# 96
38) Bromodichloromethane	9.646	83	10199	4.592	ug/L	# 98
39) cis-1,3-Dichloropropene	10.073	75	12074	4.693	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	8648	8.561	ug/L	# 95
42) Toluene	10.390	91	36419	5.044	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	10289	4.421	ug/L	97

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

45) 1,1,2-Trichloroethane	10.786	97	5581	4.694	ug/L	93
46) Tetrachloroethene	10.866	164	8079	4.972	ug/L	93
48) 2-Hexanone	10.969	43	5890	8.037	ug/L #	98
49) Dibromochloromethane	11.128	129	7591	4.714	ug/L	98
50) 1,2-Dibromoethane	11.231	107	5724	4.800	ug/L	95
51) Chlorobenzene	11.658	112	23599	5.041	ug/L	93
52) Ethylbenzene	11.731	91	39987	4.951	ug/L	98
53) m,p-Xylene	11.841	106	16308	5.037	ug/L	87
54) o-Xylene	12.170	106	15634	5.095	ug/L	81
55) Styrene	12.182	104	24314	4.654	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	6271	4.555	ug/L	98
59) Bromoform	12.347	173	4371	4.215	ug/L #	94
60) Isopropylbenzene	12.463	105	42180	4.948	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	4402	4.364	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	35524	4.868	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	34355	4.721	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	20067	5.050	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	20664	5.243	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	17298	4.947	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	1105	4.528	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	16102	5.102	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	12736	4.852	ug/L	97
71) Naphthalene	15.365	128	20304	4.574	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	10893	4.897	ug/L	97

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

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