

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021402.D
 Acq On : 15 Dec 2021 20:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025512

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/16/2021
 Supervised By : Mahesh Dadoda 12/18/2021

Quant Time: Dec 16 01:02:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	93903	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	91105	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	52336	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	43836	25.632	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.520%	
7) Chloroethane-d5	2.879	69	30784	27.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.920%	
11) 1,1-Dichloroethene-d2	4.013	63	51017	22.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 89.520%	
21) 2-Butanone-d5	7.086	46	15103	62.649	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 125.300%	
24) Chloroform-d	7.647	84	66251	25.317	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.280%	
26) 1,2-Dichloroethane-d4	8.305	65	36606	26.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.200%	
32) Benzene-d6	8.274	84	120258	24.081	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 96.320%	
36) 1,2-Dichloropropane-d6	9.274	67	33571	25.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.280%	
41) Toluene-d8	10.323	98	121198	23.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.000%	
43) trans-1,3-Dichloroprop...	10.573	79	15397	24.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.880%	
47) 2-Hexanone-d5	10.926	63	13263	66.971	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 133.940%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	35121	30.506	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 122.040%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	53491	26.372	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 105.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	9933	27.377	ug/L	95
3) Chloromethane	2.202	50	30695	25.554	ug/L	99
5) Vinyl chloride	2.355	62	47255	25.060	ug/L	99
6) Bromomethane	2.775	94	31614	25.848	ug/L	97
8) Chloroethane	2.910	64	23325	26.850	ug/L	100
9) Trichlorofluoromethane	3.245	101	20839	20.945	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	32143	24.789	ug/L	90
12) 1,1-Dichloroethene	4.031	96	27634	23.741	ug/L	83
13) Acetone	4.147	43	10423m	48.229	ug/L	
14) Carbon disulfide	4.379	76	69640	23.168	ug/L	97
15) Methyl Acetate	4.684	43	10898	29.226	ug/L #	86
16) Methylene chloride	4.909	84	30655	19.757	ug/L	83
17) trans-1,2-Dichloroethene	5.421	96	29173	23.148	ug/L	84
18) Methyl tert-butyl Ether	5.427	73	44270	25.434	ug/L	94
19) 1,1-Dichloroethane	6.214	63	47822	24.181	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	32227	24.244	ug/L	69
22) 2-Butanone	7.183	43	15022	53.226	ug/L	86
23) Bromochloromethane	7.512	128	16394	26.376	ug/L #	61
25) Chloroform	7.677	83	56167	24.466	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	38046	26.170	ug/L	96
29) Cyclohexane	7.951	56	40833	22.518	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	48768	23.858	ug/L	94
31) Carbon tetrachloride	8.067	117	44148	23.412	ug/L	99
33) Benzene	8.323	78	119119	24.002	ug/L	100
34) Trichloroethene	9.091	95	32807	23.548	ug/L	91
35) Methylcyclohexane	9.335	83	51840	22.557	ug/L	85
37) 1,2-Dichloropropane	9.366	63	27361	24.716	ug/L #	95
38) Bromodichloromethane	9.646	83	40143	26.374	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	43980	25.203	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	34378	56.994	ug/L #	91
42) Toluene	10.390	91	136767	23.563	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	39549	25.875	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	24752	27.318	ug/L	94
46) Tetrachloroethene	10.859	164	30774	23.253	ug/L	98
48) 2-Hexanone	10.969	43	25921	59.258	ug/L #	95
49) Dibromochloromethane	11.128	129	31074	27.819	ug/L	98
50) 1,2-Dibromoethane	11.237	107	24646	27.333	ug/L #	96
51) Chlorobenzene	11.652	112	94830	24.402	ug/L	89
52) Ethylbenzene	11.725	91	154317	23.265	ug/L	99
53) m,p-Xylene	11.835	106	62215	23.251	ug/L	94
54) o-Xylene	12.164	106	60677	23.894	ug/L	95
55) Styrene	12.182	104	104259	24.123	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	30247	29.121	ug/L #	94
59) Bromoform	12.347	173	17725	28.464	ug/L	98
60) Isopropylbenzene	12.463	105	168005	23.625	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	21568	28.316	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	143459	23.707	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	142386	23.852	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	83715	24.957	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	82924	24.882	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	78497	26.581	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	4576	29.126	ug/L #	60
69) 1,3,5-Trichlorobenzene	14.621	180	60711	24.216	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	51493	25.536	ug/L	95
71) Naphthalene	15.359	128	97114	29.643	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	45151	27.093	ug/L	98

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

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