

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021853.D
 Acq On : 12 Jan 2022 02:00
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Quant Time: Jan 12 04:36:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

01/12/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	165400	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	159745	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	92725	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.355	65	65378	21.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.080%
7) Chloroethane-d5	2.885	69	46710	16.826	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.320%
11) 1,1-Dichloroethene-d2	4.026	63	115224	23.741	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.960%
21) 2-Butanone-d5	7.092	46	23457m	54.059	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.120%
24) Chloroform-d	7.653	84	126067	23.593	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	8.305	65	59873	23.203	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	8.275	84	255024	24.603	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	9.275	67	67196	24.595	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	10.323	98	257224	24.617	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.480%
43) trans-1,3-Dichloroprop...	10.579	79	29025	25.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.080%
47) 2-Hexanone-d5	10.927	63	20766	56.016	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.040%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	51308	24.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	94464	24.776	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.120%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.008	85	13090	20.075	ug/L	98
3) Chloromethane	2.215	50	48138	20.362	ug/L	98
5) Vinyl chloride	2.367	62	68545	20.183	ug/L	98
6) Bromomethane	2.782	94	44711	18.619	ug/L	95
8) Chloroethane	2.922	64	34687	16.900	ug/L	98
9) Trichlorofluoromethane	3.263	101	54241	21.492	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	65202	23.735	ug/L #	86
12) 1,1-Dichloroethene	4.044	96	58637	23.751	ug/L	79
13) Acetone	4.135	43	14988	41.809	ug/L	86
14) Carbon disulfide	4.391	76	152443	23.585	ug/L	99
15) Methyl Acetate	4.684	43	17739	24.483	ug/L #	81
16) Methylene chloride	4.922	84	59110	20.882	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	63245	23.707	ug/L	78
18) Methyl tert-butyl Ether	5.434	73	89852	26.412	ug/L #	88
19) 1,1-Dichloroethane	6.220	63	97454	24.910	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	68759	25.055	ug/L	65
22) 2-Butanone	7.171	43	22847	49.859	ug/L	80
23) Bromochloromethane	7.519	128	32173	23.561	ug/L #	61
25) Chloroform	7.683	83	108421	23.422	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021853.D
 Acq On : 12 Jan 2022 02:00
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Quant Time: Jan 12 04:36:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:49:08 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

01/12/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	8.403	62	62222m	23.212	ug/L		01/12/2022
29) Cyclohexane	7.958	56	89538	25.055	ug/L #	77	
30) 1,1,1-Trichloroethane	7.872	97	100241	24.209	ug/L #	91	
31) Carbon tetrachloride	8.074	117	96183	23.971	ug/L	99	
33) Benzene	8.324	78	236684	24.163	ug/L	100	
34) Trichloroethene	9.092	95	67716	23.828	ug/L	84	
35) Methylcyclohexane	9.336	83	113349	24.255	ug/L #	80	
37) 1,2-Dichloropropane	9.372	63	52029	24.382	ug/L #	94	
38) Bromodichloromethane	9.646	83	72611	24.375	ug/L #	97	
39) cis-1,3-Dichloropropene	10.073	75	82999	25.031	ug/L	100	
40) 4-Methyl-2-pentanone	10.207	43	52315	52.188	ug/L #	86	
42) Toluene	10.390	91	272922	24.842	ug/L	99	
44) trans-1,3-Dichloropropene	10.604	75	70367	25.355	ug/L	99	
45) 1,1,2-Trichloroethane	10.786	97	44076	24.328	ug/L	93	
46) Tetrachloroethene	10.866	164	68210	24.272	ug/L	94	
48) 2-Hexanone	10.969	43	33912	49.444	ug/L #	85	
49) Dibromochloromethane	11.128	129	56695	24.835	ug/L	94	
50) 1,2-Dibromoethane	11.238	107	44797	24.909	ug/L #	97	
51) Chlorobenzene	11.658	112	187843	24.216	ug/L	91	
52) Ethylbenzene	11.731	91	307415	25.189	ug/L	95	
53) m,p-Xylene	11.835	106	134401	26.336	ug/L	79	
54) o-Xylene	12.164	106	122989	25.960	ug/L	86	
55) Styrene	12.176	104	195915	25.048	ug/L	90	
57) 1,1,2,2-Tetrachloroethane	12.713	83	45166	23.170	ug/L #	94	
59) Bromoform	12.353	173	30758	24.330	ug/L	99	
60) Isopropylbenzene	12.463	105	324193	25.675	ug/L	92	
61) 1,2,3-Trichloropropane	12.768	75	32531	24.549	ug/L #	89	
62) 1,3,5-Trimethylbenzene	12.939	105	275717	26.369	ug/L	91	
63) 1,2,4-Trimethylbenzene	13.249	105	286333	27.766	ug/L	91	
64) 1,3-Dichlorobenzene	13.499	146	151740	23.902	ug/L	93	
65) 1,4-Dichlorobenzene	13.579	146	149742	23.889	ug/L	94	
67) 1,2-Dichlorobenzene	13.865	146	131755	23.704	ug/L	95	
68) 1,2-Dibromo-3-chloropr...	14.481	75	6000	23.447	ug/L #	39	
69) 1,3,5-Trichlorobenzene	14.621	180	112491	23.841	ug/L	99	
70) 1,2,4-trichlorobenzene	15.127	180	89336	23.761	ug/L	94	
71) Naphthalene	15.359	128	168774	29.101	ug/L	99	
72) 1,2,3-Trichlorobenzene	15.548	180	71509	23.032	ug/L	99	

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

