

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011622\
 Data File : VW021962.D
 Acq On : 15 Jan 2022 22:14
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2022
 Supervised By :Mahesh Dadoda 01/17/2022

Quant Time: Jan 17 06:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 06:38:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	139204	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	134876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80887	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	55179	21.327	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.320%		
7) Chloroethane-d5	2.885	69	41954	17.957	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.840%		
11) 1,1-Dichloroethene-d2	4.019	63	90900	22.253	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	89.000%		
21) 2-Butanone-d5	7.098	46	19931	54.577	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.160%		
24) Chloroform-d	7.653	84	103086	22.923	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.680%		
26) 1,2-Dichloroethane-d4	8.305	65	49999	23.023	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.080%		
32) Benzene-d6	8.275	84	202559	23.145	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.560%		
36) 1,2-Dichloropropane-d6	9.274	67	55254	23.953	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.800%		
41) Toluene-d8	10.323	98	201762	22.869	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.480%		
43) trans-1,3-Dichloroprop...	10.579	79	23419	23.912	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.640%		
47) 2-Hexanone-d5	10.927	63	18562	59.303	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	118.600%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	45709	25.341	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.360%		
66) 1,2-Dichlorobenzene-d4	13.853	152	78839	23.704	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	9363	17.062	ug/L	89
3) Chloromethane	2.209	50	46218	23.229	ug/L	98
5) Vinyl chloride	2.361	62	63980	22.384	ug/L	99
6) Bromomethane	2.782	94	35335	17.484	ug/L	98
8) Chloroethane	2.922	64	35991	20.835	ug/L	95
9) Trichlorofluoromethane	3.257	101	47170	22.207	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	53849	23.291	ug/L	90
12) 1,1-Dichloroethene	4.037	96	48945	23.556	ug/L	80
13) Acetone	4.172	43	12104m	40.118	ug/L	
14) Carbon disulfide	4.385	76	118723	21.824	ug/L	99
15) Methyl Acetate	4.690	43	15490	25.402	ug/L #	83
16) Methylene chloride	4.921	84	48632	20.414	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	52981	23.597	ug/L	77
18) Methyl tert-butyl Ether	5.434	73	74937	26.173	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	82721	25.123	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	57183	24.758	ug/L	72
22) 2-Butanone	7.189	43	19750	51.212	ug/L	84
23) Bromochloromethane	7.519	128	27719	24.119	ug/L #	60
25) Chloroform	7.677	83	94960	24.374	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	55287	24.506	ug/L #	93
29) Cyclohexane	7.958	56	74506	24.693	ug/L #	78
30) 1,1,1-Trichloroethane	7.872	97	85180	24.365	ug/L #	92
31) Carbon tetrachloride	8.067	117	81302	23.998	ug/L	98
33) Benzene	8.323	78	200831	24.283	ug/L	100
34) Trichloroethene	9.091	95	57471	23.952	ug/L	86
35) Methylcyclohexane	9.335	83	95311	24.155	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	44389	24.637	ug/L #	94
38) Bromodichloromethane	9.646	83	63587	25.281	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	71935	25.695	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	46859	55.365	ug/L #	87
42) Toluene	10.390	91	229504	24.742	ug/L	98
44) trans-1,3-Dichloropropene	10.609	75	63776	27.217	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	38851	25.398	ug/L	93
46) Tetrachloroethene	10.866	164	55383	23.342	ug/L	98
48) 2-Hexanone	10.969	43	30816	53.214	ug/L #	87
49) Dibromochloromethane	11.128	129	49694	25.782	ug/L	94
50) 1,2-Dibromoethane	11.231	107	40070	26.389	ug/L #	100
51) Chlorobenzene	11.658	112	161382	24.641	ug/L	90
52) Ethylbenzene	11.731	91	257425	24.982	ug/L	96
53) m,p-Xylene	11.841	106	108934	25.282	ug/L	80
54) o-Xylene	12.164	106	104676	26.168	ug/L	87
55) Styrene	12.182	104	169770	25.707	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	41903	25.459	ug/L #	99
59) Bromoform	12.347	173	25834	23.426	ug/L #	98
60) Isopropylbenzene	12.463	105	277719	25.213	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	30533	26.414	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.944	105	236093	25.884	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	231549	25.740	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	132182	23.868	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	127733	23.360	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	119975	24.743	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5977	26.775	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	94316	22.914	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	76914	23.451	ug/L	95
71) Naphthalene	15.359	128	138905	27.456	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	64832	23.937	ug/L	95

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

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