

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
 Data File : VW022655.D
 Acq On : 27 Apr 2022 20:20
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025502

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: Apr 28 01:15:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 28 01:10:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	270159	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	275927	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152064	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	120792	20.225	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.920%		
7) Chloroethane-d5	2.885	69	88284	23.586	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.360%		
11) 1,1-Dichloroethene-d2	4.019	63	178028	22.982	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	91.920%		
21) 2-Butanone-d5	7.073	46	60956	58.460	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.920%		
24) Chloroform-d	7.646	84	222684	26.371	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	105.480%		
26) 1,2-Dichloroethane-d4	8.305	65	117341	24.321	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.280%		
32) Benzene-d6	8.274	84	410580	24.355	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.440%		
36) 1,2-Dichloropropane-d6	9.274	67	118487	24.287	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.160%		
41) Toluene-d8	10.323	98	388069	23.504	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.000%		
43) trans-1,3-Dichloroprop...	10.579	79	48838	21.212	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.840%		
47) 2-Hexanone-d5	10.926	63	50918	56.098	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.200%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115357	27.809	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.240%		
66) 1,2-Dichlorobenzene-d4	13.853	152	142954	26.541	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	106.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	32243	24.347	ug/L	96
3) Chloromethane	2.221	50	76410	23.141	ug/L	98
5) Vinyl chloride	2.361	62	153689	22.307	ug/L	99
6) Bromomethane	2.781	94	93638	22.357	ug/L	97
8) Chloroethane	2.922	64	77045	25.543	ug/L	97
9) Trichlorofluoromethane	3.257	101	72283	28.417	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	112979	27.894	ug/L	96
12) 1,1-Dichloroethene	4.043	96	100367	27.592	ug/L	86
13) Acetone	4.129	43	40947	57.677	ug/L	93
14) Carbon disulfide	4.385	76	235757	19.701	ug/L	98
15) Methyl Acetate	4.671	43	51399	28.851	ug/L	94
16) Methylene chloride	4.915	84	114690	28.213	ug/L	89
17) trans-1,2-Dichloroethene	5.421	96	111528	26.173	ug/L	91
18) Methyl tert-butyl Ether	5.427	73	189435	27.220	ug/L	96
19) 1,1-Dichloroethane	6.220	63	205272	26.401	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	126461	28.099	ug/L #	87
22) 2-Butanone	7.171	43	67078	62.559	ug/L	96
23) Bromochloromethane	7.518	128	58203	30.050	ug/L	88
25) Chloroform	7.677	83	226878	27.705	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	148997m	25.887	ug/L	
29) Cyclohexane	7.957	56	162640	20.594	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	192577	25.160	ug/L	97
31) Carbon tetrachloride	8.073	117	175012	25.476	ug/L	99
33) Benzene	8.323	78	473081	25.253	ug/L	100
34) Trichloroethene	9.091	95	127342	25.387	ug/L	96
35) Methylcyclohexane	9.335	83	201744	22.417	ug/L	95
37) 1,2-Dichloropropane	9.366	63	115937	25.833	ug/L	98
38) Bromodichloromethane	9.646	83	166536	25.804	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	180999	25.416	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	155661	56.834	ug/L	94
42) Toluene	10.390	91	537090	25.020	ug/L	92
44) trans-1,3-Dichloropropene	10.603	75	158630	24.877	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	99044	28.916	ug/L	97
46) Tetrachloroethene	10.859	164	94316	25.580	ug/L	92
48) 2-Hexanone	10.969	43	107471	55.620	ug/L #	95
49) Dibromochloromethane	11.127	129	121196	29.669	ug/L	97
50) 1,2-Dibromoethane	11.237	107	99715	29.483	ug/L	100
51) Chlorobenzene	11.658	112	363056	27.676	ug/L	93
52) Ethylbenzene	11.731	91	611223	25.402	ug/L	98
53) m,p-Xylene	11.835	106	244588	26.734	ug/L	85
54) o-Xylene	12.164	106	237696	27.188	ug/L	91
55) Styrene	12.176	104	410825	27.504	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	127786	30.396	ug/L	99
59) Bromoform	12.347	173	65401	28.944	ug/L	98
60) Isopropylbenzene	12.463	105	650200	25.740	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	93804	28.999	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	355554	25.594	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	535819	25.364	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	278243	27.141	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	278639	27.253	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	249192	27.179	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20167	26.882	ug/L	85
69) 1,3,5-Trichlorobenzene	14.621	180	182641	27.305	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	147547	26.265	ug/L	96
71) Naphthalene	15.358	128	343842	29.020	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	129602	26.991	ug/L	96

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

