

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071122\
 Data File : VW023592.D
 Acq On : 11 Jul 2022 09:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

Quant Time: Jul 12 01:35:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 08 23:21:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	334266	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	324848	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	178685	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	127672	21.100	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.400%		
7) Chloroethane-d5	2.879	69	78443	22.667	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.680%		
11) 1,1-Dichloroethene-d2	4.025	63	161534	23.679	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	94.720%		
21) 2-Butanone-d5	7.086	46	54849	43.651	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.300%		
24) Chloroform-d	7.646	84	227570	23.902	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.600%		
26) 1,2-Dichloroethane-d4	8.305	65	121223	22.526	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.120%		
32) Benzene-d6	8.274	84	423442	23.559	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.240%		
36) 1,2-Dichloropropane-d6	9.274	67	123515	23.472	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.880%		
41) Toluene-d8	10.323	98	405880	23.297	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.200%		
43) trans-1,3-Dichloroprop...	10.579	79	53722	22.871	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.480%		
47) 2-Hexanone-d5	10.920	63	44523	43.260	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.520%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118743	22.745	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.000%		
66) 1,2-Dichlorobenzene-d4	13.853	152	147819	22.929	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.720%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	30103	15.056	ug/L	97
3) Chloromethane	2.215	50	96401	20.820	ug/L	100
5) Vinyl chloride	2.361	62	186384	24.762	ug/L	99
6) Bromomethane	2.775	94	91687	21.099	ug/L	97
8) Chloroethane	2.916	64	69441	24.419	ug/L	100
9) Trichlorofluoromethane	3.251	101	60917	20.286	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	122617	25.721	ug/L	97
12) 1,1-Dichloroethene	4.043	96	104230	26.222	ug/L	82
13) Acetone	4.123	43	41799	45.136	ug/L	97
14) Carbon disulfide	4.385	76	301600	25.485	ug/L	99
15) Methyl Acetate	4.677	43	48217	22.183	ug/L	99
16) Methylene chloride	4.915	84	117340	20.699	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	118902	24.852	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	177522	25.131	ug/L #	90
19) 1,1-Dichloroethane	6.214	63	213833	25.479	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	131996m	25.189	ug/L	
22) 2-Butanone	7.177	43	65278	39.285	ug/L	98
23) Bromochloromethane	7.512	128	63891	24.503	ug/L	94
25) Chloroform	7.677	83	237778	24.943	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	153910	23.857	ug/L	98
29) Cyclohexane	7.957	56	174149	25.770	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	200867	26.008	ug/L	98
31) Carbon tetrachloride	8.067	117	187087	26.147	ug/L	100
33) Benzene	8.323	78	507225	24.866	ug/L	100
34) Trichloroethene	9.091	95	134151	25.233	ug/L	95
35) Methylcyclohexane	9.335	83	219169	25.625	ug/L	99
37) 1,2-Dichloropropane	9.366	63	124023	25.149	ug/L	100
38) Bromodichloromethane	9.646	83	178783	25.677	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	193559	25.731	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	152698	46.511	ug/L	99
42) Toluene	10.384	91	578746	26.004	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	177749	25.628	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	103439	24.368	ug/L	93
46) Tetrachloroethene	10.859	164	104546	25.017	ug/L	95
48) 2-Hexanone	10.969	43	107283	46.123	ug/L	98
49) Dibromochloromethane	11.128	129	129891	25.704	ug/L	98
50) 1,2-Dibromoethane	11.237	107	98604	23.530	ug/L	97
51) Chlorobenzene	11.658	112	378513	24.979	ug/L	98
52) Ethylbenzene	11.731	91	642686	25.576	ug/L	100
53) m,p-Xylene	11.835	106	257739	26.439	ug/L	96
54) o-Xylene	12.164	106	245207	26.266	ug/L	96
55) Styrene	12.182	104	430549	26.521	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	127797	23.398	ug/L	94
59) Bromoform	12.347	173	72771	24.346	ug/L	98
60) Isopropylbenzene	12.463	105	660430	25.575	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	90403	22.256	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	552710	25.810	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	558774	26.084	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	302492	24.763	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	309848	25.010	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	273710	24.299	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	20250	21.155	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	193227	24.379	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	151109	23.595	ug/L	100
71) Naphthalene	15.365	128	300742	21.755	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	136057	22.919	ug/L	99

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

