

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071222\
 Data File : VW023616.D
 Acq On : 12 Jul 2022 19:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025597

Quant Time: Jul 13 01:36:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 13 01:31:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

07/13/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	298300	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	291217	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	157527	25.000	ug/L	0.00

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System Monitoring Compounds

4) Vinyl Chloride-d3	2.343	65	133272	24.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
7) Chloroethane-d5	2.879	69	90964	29.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.800%
11) 1,1-Dichloroethene-d2	4.019	63	143560	23.581	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.320%
21) 2-Butanone-d5	7.080	46	64508	57.528	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.060%
24) Chloroform-d	7.647	84	214150	25.204	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	8.305	65	122991	25.610	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.440%
32) Benzene-d6	8.275	84	390820	24.255	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	9.274	67	119071	25.241	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	10.323	98	374757	23.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.960%
43) trans-1,3-Dichloroprop...	10.579	79	47883	22.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.960%
47) 2-Hexanone-d5	10.920	63	49242	53.371	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.740%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	128044	27.359	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	140757	24.766	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.080%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.001	85	62165m	34.841	ug/L
3) Chloromethane	2.215	50	107502	26.016	ug/L
5) Vinyl chloride	2.355	62	179297	26.692	ug/L
6) Bromomethane	2.769	94	95437	24.610	ug/L
8) Chloroethane	2.916	64	79383	31.281	ug/L
9) Trichlorofluoromethane	3.245	101	56394	21.044	ug/L
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	99117	23.298	ug/L
12) 1,1-Dichloroethene	4.031	96	83520	23.545	ug/L
13) Acetone	4.123	43	41677	50.431	ug/L
14) Carbon disulfide	4.379	76	233583	22.117	ug/L
15) Methyl Acetate	4.672	43	49847	25.697	ug/L
16) Methylene chloride	4.921	84	105814	20.917	ug/L
17) trans-1,2-Dichloroethene	5.421	96	98150	22.988	ug/L
18) Methyl tert-butyl Ether	5.427	73	154454	24.501	ug/L
19) 1,1-Dichloroethane	6.214	63	187394	25.021	ug/L
20) cis-1,2-Dichloroethene	7.171	96	116035	24.813	ug/L
22) 2-Butanone	7.171	43	71334	48.106	ug/L
23) Bromochloromethane	7.519	128	53986	23.200	ug/L
25) Chloroform	7.671	83	216395	25.436	ug/L

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	149273	25.928	ug/L	99
29) Cyclohexane	7.951	56	141641	23.380	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	164630	23.777	ug/L	99
31) Carbon tetrachloride	8.067	117	150170	23.412	ug/L	98
33) Benzene	8.323	78	448821	24.544	ug/L	100
34) Trichloroethene	9.091	95	114870	24.102	ug/L	96
35) Methylcyclohexane	9.335	83	175464	22.885	ug/L	99
37) 1,2-Dichloropropane	9.366	63	112747	25.503	ug/L	99
38) Bromodichloromethane	9.646	83	164016	26.277	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	162370	24.078	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	164547	55.908	ug/L	100
42) Toluene	10.384	91	506766	25.399	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	149832	24.098	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	96760	25.427	ug/L	98
46) Tetrachloroethene	10.859	164	85948	22.942	ug/L	96
48) 2-Hexanone	10.969	43	110485	52.985	ug/L	97
49) Dibromochloromethane	11.128	129	117687	25.979	ug/L	94
50) 1,2-Dibromoethane	11.231	107	97308	25.903	ug/L	99
51) Chlorobenzene	11.658	112	332405	24.470	ug/L	99
52) Ethylbenzene	11.725	91	555264	24.649	ug/L	100
53) m,p-Xylene	11.835	106	220019	25.176	ug/L	99
54) o-Xylene	12.164	106	211241	25.241	ug/L	100
55) Styrene	12.182	104	377510	25.940	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	130832	26.720	ug/L	96
59) Bromoform	12.347	173	67368	25.566	ug/L	98
60) Isopropylbenzene	12.463	105	562672	24.716	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	94508	26.391	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	476656	25.248	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	469075	24.838	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	260347	24.176	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	262305	24.016	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	241463	24.315	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	21198	25.119	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	156725	22.430	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	129016	22.852	ug/L	97
71) Naphthalene	15.365	128	314619	25.816	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	125642	24.008	ug/L	99

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

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