

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071222\
 Data File : VW023598.D
 Acq On : 12 Jul 2022 08:34
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

Quant Time: Jul 13 01:28:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 12 01:39:48 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	8.842	114	328066	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	317262	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	180787	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.349	65	126461	21.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.160%
7) Chloroethane-d5	2.879	69	77536	22.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.320%
11) 1,1-Dichloroethene-d2	4.019	63	155496	23.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.880%
21) 2-Butanone-d5	7.080	46	62389	50.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.180%
24) Chloroform-d	7.647	84	226483	24.237	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	8.305	65	122713	23.234	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.920%
32) Benzene-d6	8.275	84	413962	23.582	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	9.275	67	122139	23.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.080%
41) Toluene-d8	10.323	98	395332	23.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.920%
43) trans-1,3-Dichloroprop...	10.579	79	53676	23.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.600%
47) 2-Hexanone-d5	10.921	63	52340	52.071	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.140%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	128956	25.292	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	155111	23.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.008	85	36417	18.558	ug/L	99
3) Chloromethane	2.215	50	92199	20.288	ug/L	96
5) Vinyl chloride	2.355	62	171243	23.180	ug/L	99
6) Bromomethane	2.776	94	92152	21.607	ug/L	99
8) Chloroethane	2.916	64	65474	23.459	ug/L	92
9) Trichlorofluoromethane	3.251	101	53730	18.231	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	109097	23.317	ug/L	98
12) 1,1-Dichloroethene	4.038	96	92874	23.806	ug/L	90
13) Acetone	4.123	43	43944	48.349	ug/L	98
14) Carbon disulfide	4.379	76	261288	22.496	ug/L	99
15) Methyl Acetate	4.672	43	49607	23.253	ug/L	100
16) Methylene chloride	4.916	84	106865	19.208	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	104888	22.337	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	165625	23.889	ug/L	99
19) 1,1-Dichloroethane	6.208	63	192061	23.317	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	119471m	23.230	ug/L	
22) 2-Butanone	7.171	43	70350	43.137	ug/L	100
23) Bromochloromethane	7.513	128	57698	22.546	ug/L	95
25) Chloroform	7.671	83	218588	23.363	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	147249	23.256	ug/L	97
29) Cyclohexane	7.952	56	157275	23.829	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	179755	23.831	ug/L	98
31) Carbon tetrachloride	8.067	117	166321	23.801	ug/L	100
33) Benzene	8.323	78	465205	23.352	ug/L	100
34) Trichloroethene	9.086	95	120070	23.124	ug/L	90
35) Methylcyclohexane	9.335	83	199767	23.915	ug/L	100
37) 1,2-Dichloropropane	9.366	63	113344	23.534	ug/L	100
38) Bromodichloromethane	9.640	83	162528	23.901	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	178460	24.291	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	156047	48.667	ug/L	99
42) Toluene	10.384	91	527844	24.284	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	164422	24.273	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	98547	23.771	ug/L	97
46) Tetrachloroethene	10.860	164	96852	23.730	ug/L	97
48) 2-Hexanone	10.963	43	113319	49.883	ug/L	98
49) Dibromochloromethane	11.128	129	120672	24.451	ug/L	99
50) 1,2-Dibromoethane	11.231	107	96645	23.614	ug/L	96
51) Chlorobenzene	11.652	112	353564	23.891	ug/L	98
52) Ethylbenzene	11.731	91	585857	23.872	ug/L	98
53) m,p-Xylene	11.835	106	231106	24.274	ug/L	99
54) o-Xylene	12.164	106	222477	24.401	ug/L	97
55) Styrene	12.176	104	398978	25.164	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	129834	24.340	ug/L	94
59) Bromoform	12.347	173	68550	22.668	ug/L	99
60) Isopropylbenzene	12.463	105	617287	23.626	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	92854	22.593	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	514472	23.745	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	502813	23.199	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	276761	22.394	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	283027	22.579	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	261470	22.942	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20669	21.341	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	184633	23.024	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	145455	22.449	ug/L	100
71) Naphthalene	15.359	128	318453	22.769	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	135495	22.559	ug/L	98

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

