

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072822\
 Data File : VW024119.D
 Acq On : 28 Jul 2022 10:11
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025025

Quant Time: Jul 29 01:12:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 23:39:35 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	247141	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	258702	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	157044	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	125870	23.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.040%
7) Chloroethane-d5	2.873	69	84067	23.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	4.013	63	117281	25.143	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.560%
21) 2-Butanone-d5	7.080	46	45860	48.710	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.420%
24) Chloroform-d	7.640	84	163792	24.107	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	8.305	65	92952	23.812	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.240%
32) Benzene-d6	8.268	84	300730	25.024	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.080%
36) 1,2-Dichloropropane-d6	9.274	67	92145	24.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.240%
41) Toluene-d8	10.323	98	301417	25.079	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.320%
43) trans-1,3-Dichloroprop...	10.573	79	41490	24.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.760%
47) 2-Hexanone-d5	10.920	63	40230	50.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.540%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	105309	24.078	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	120156	23.625	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	35796	19.611	ug/L	95
3) Chloromethane	2.215	50	113191	23.886	ug/L	99
5) Vinyl chloride	2.355	62	179560	24.311	ug/L	100
6) Bromomethane	2.769	94	106970	26.216	ug/L	99
8) Chloroethane	2.910	64	78501	24.161	ug/L	100
9) Trichlorofluoromethane	3.245	101	100683	29.282	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	85534	26.860	ug/L	97
12) 1,1-Dichloroethene	4.031	96	70135	26.870	ug/L	89
13) Acetone	4.123	43	29612	44.323	ug/L	93
14) Carbon disulfide	4.373	76	205726	25.662	ug/L	97
15) Methyl Acetate	4.672	43	38201	23.703	ug/L	99
16) Methylene chloride	4.909	84	92626	24.624	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	84325	26.405	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	128103	27.061	ug/L	98
19) 1,1-Dichloroethane	6.214	63	160187	26.555	ug/L	94
20) cis-1,2-Dichloroethene	7.165	96	94525m	26.954	ug/L	
22) 2-Butanone	7.171	43	56014	52.236	ug/L	97
23) Bromochloromethane	7.506	128	45794	25.375	ug/L	98
25) Chloroform	7.671	83	180321	25.834	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	128104	25.769	ug/L	96
29) Cyclohexane	7.951	56	129890	27.250	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	147474	25.503	ug/L	98
31) Carbon tetrachloride	8.067	117	145698	27.333	ug/L	98
33) Benzene	8.317	78	395694	26.476	ug/L	100
34) Trichloroethene	9.085	95	100554	25.408	ug/L	96
35) Methylcyclohexane	9.329	83	164727	27.398	ug/L	98
37) 1,2-Dichloropropane	9.366	63	99084	26.224	ug/L	100
38) Bromodichloromethane	9.640	83	139637	25.921	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	150449	27.330	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	133601	50.815	ug/L	99
42) Toluene	10.384	91	463767	27.434	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	144417	27.703	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	85998	26.054	ug/L	92
46) Tetrachloroethene	10.853	164	83337	26.905	ug/L	89
48) 2-Hexanone	10.963	43	100128	52.552	ug/L	97
49) Dibromochloromethane	11.128	129	103710	26.891	ug/L	98
50) 1,2-Dibromoethane	11.231	107	84311	26.089	ug/L #	95
51) Chlorobenzene	11.652	112	306590	26.948	ug/L	99
52) Ethylbenzene	11.725	91	525403	28.202	ug/L	95
53) m,p-Xylene	11.835	106	209811	29.015	ug/L	99
54) o-Xylene	12.164	106	201365	29.120	ug/L	98
55) Styrene	12.176	104	363104	29.310	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	115226	25.188	ug/L	99
59) Bromoform	12.347	173	59830	24.647	ug/L	97
60) Isopropylbenzene	12.463	105	560595	28.182	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	81120	22.981	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	461591	28.843	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	460503	28.431	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	260312	27.361	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	264893	26.228	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	240769	27.056	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18481	23.431	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.627	180	166885	27.507	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	123917	26.956	ug/L	93
71) Naphthalene	15.359	128	283623	28.833	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	119929	27.735	ug/L	98

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

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