

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024351.D
 Acq On : 26 Aug 2022 14:12
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Quant Time: Aug 27 00:27:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 27 00:19:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/30/2022
 Supervised By : Mahesh Dadoda 08/30/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	316181	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	319153	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	184030	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	190523	21.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
7) Chloroethane-d5	2.867	69	142536	21.827	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.007	63	156716	20.732	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.920%
21) 2-Butanone-d5	7.074	46	81375m	50.690	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.380%
24) Chloroform-d	7.647	84	241120	23.721	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.880%
26) 1,2-Dichloroethane-d4	8.305	65	146324	23.737	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.960%
32) Benzene-d6	8.269	84	457070	24.996	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	9.275	67	142467	25.052	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.200%
41) Toluene-d8	10.323	98	432389	24.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.480%
43) trans-1,3-Dichloroprop...	10.579	79	65069	24.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.800%
47) 2-Hexanone-d5	10.927	63	70434	55.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.700%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	163772	25.436	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	172281	24.860	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	85005m	26.842	ug/L	
3) Chloromethane	2.209	50	134755	22.775	ug/L	98
5) Vinyl chloride	2.349	62	226809	21.929	ug/L	100
6) Bromomethane	2.757	94	146822	20.224	ug/L	99
8) Chloroethane	2.910	64	117421	21.732	ug/L	98
9) Trichlorofluoromethane	3.239	101	84228	17.318	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	92774	19.887	ug/L	99
12) 1,1-Dichloroethene	4.032	96	78585	20.808	ug/L	91
13) Acetone	4.117	43	38602	40.293	ug/L	97
14) Carbon disulfide	4.373	76	256679	20.450	ug/L	99
15) Methyl Acetate	4.666	43	53264	22.727	ug/L	97
16) Methylene chloride	4.903	84	104303	19.669	ug/L	93
17) trans-1,2-Dichloroethene	5.415	96	107432	24.032	ug/L	94
18) Methyl tert-butyl Ether	5.422	73	183742	25.103	ug/L	97
19) 1,1-Dichloroethane	6.208	63	196730	23.273	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	118447	24.095	ug/L	100
22) 2-Butanone	7.171	43	82704	48.386	ug/L	100
23) Bromochloromethane	7.507	128	57305	23.873	ug/L	94
25) Chloroform	7.671	83	221213	23.587	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	164518	24.099	ug/L	98
29) Cyclohexane	7.952	56	177492	25.796	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	179225	23.819	ug/L	98
31) Carbon tetrachloride	8.067	117	160471	23.312	ug/L	98
33) Benzene	8.317	78	499393	25.132	ug/L	100
34) Trichloroethene	9.092	95	125176	23.902	ug/L	97
35) Methylcyclohexane	9.336	83	215844	25.688	ug/L	99
37) 1,2-Dichloropropane	9.366	63	125761	24.524	ug/L	99
38) Bromodichloromethane	9.640	83	170824	24.462	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	184418	25.727	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	193583	53.088	ug/L	98
42) Toluene	10.384	91	557755	25.435	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	177499	25.483	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	103918	24.851	ug/L	96
46) Tetrachloroethene	10.860	164	95404	23.456	ug/L	91
48) 2-Hexanone	10.963	43	142775	53.083	ug/L	96
49) Dibromochloromethane	11.128	129	123037	24.876	ug/L	100
50) 1,2-Dibromoethane	11.232	107	103671	25.787	ug/L	92
51) Chlorobenzene	11.658	112	365286	24.818	ug/L	98
52) Ethylbenzene	11.725	91	607064	25.039	ug/L	98
53) m,p-Xylene	11.835	106	246287	25.867	ug/L	96
54) o-Xylene	12.164	106	233188	26.199	ug/L	98
55) Styrene	12.176	104	420459	26.724	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	146201	25.048	ug/L	99
59) Bromoform	12.347	173	72598	24.582	ug/L	98
60) Isopropylbenzene	12.463	105	628958	25.732	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	105329	25.309	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	520729	26.421	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	521897	27.262	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	283661	24.273	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	293839	23.816	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	269494	24.601	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	24887	23.802	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	178775	23.701	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	147955	25.233	ug/L	97
71) Naphthalene	15.365	128	359978	27.954	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	133253	24.045	ug/L	97

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

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