

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062123\
 Data File : VW026281.D
 Acq On : 21 Jun 2023 10:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025527

Quant Time: Jun 22 01:28:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 21 01:09:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	646732	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	581133	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	292973	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	158889	17.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.840%
7) Chloroethane-d5	2.899	69	154190	22.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.560%
11) 1,1-Dichloroethene-d2	4.021	65	85104	18.970	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.880%
21) 2-Butanone-d5	7.075	46	137360	51.858	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.720%
24) Chloroform-d	7.648	84	439891	23.227	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.307	65	235094	22.701	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	8.270	84	814871	20.839	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.360%
36) 1,2-Dichloropropane-d6	9.270	67	276290	22.302	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.200%
41) Toluene-d8	10.325	98	696553	20.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.360%
43) trans-1,3-Dichloroprop...	10.575	79	96733	19.705	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.800%
47) 2-Hexanone-d5	10.922	63	91784	46.987	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	222513	24.683	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	228813	20.405	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	147517	18.607	ug/L #	75
3) Chloromethane	2.223	50	226886	22.319	ug/L	97
5) Vinyl chloride	2.375	62	257162	23.666	ug/L	99
6) Bromomethane	2.783	94	142309	24.024	ug/L	96
8) Chloroethane	2.930	64	158058	26.918	ug/L	99
9) Trichlorofluoromethane	3.265	101	178611	25.550	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	210744	23.891	ug/L	99
12) 1,1-Dichloroethene	4.045	96	196216m	23.829	ug/L	
13) Acetone	4.125	43	98503	48.060	ug/L	100
14) Carbon disulfide	4.393	76	595951	20.502	ug/L	100
15) Methyl Acetate	4.667	43	106772	23.212	ug/L	98
16) Methylene chloride	4.917	84	227015	21.993	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	208781	22.599	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	331508	22.767	ug/L	99
19) 1,1-Dichloroethane	6.216	63	454405	24.160	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	237184	24.237	ug/L	99
22) 2-Butanone	7.173	43	143985	49.248	ug/L	99
23) Bromochloromethane	7.514	128	96772	23.187	ug/L	96
25) Chloroform	7.673	83	436824	24.935	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	289887	23.993	ug/L	97
29) Cyclohexane	7.959	56	401790	22.395	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	342577	24.292	ug/L	98
31) Carbon tetrachloride	8.069	117	306725	23.834	ug/L	98
33) Benzene	8.325	78	948425	23.824	ug/L	100
34) Trichloroethene	9.093	95	234695	23.023	ug/L	95
35) Methylcyclohexane	9.331	83	415229	23.020	ug/L	99
37) 1,2-Dichloropropane	9.368	63	264775	24.556	ug/L	100
38) Bromodichloromethane	9.642	83	302373	24.138	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	376369	23.752	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	308274	48.493	ug/L	99
42) Toluene	10.386	91	988632	24.280	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	308896	23.400	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	170022	23.925	ug/L	97
46) Tetrachloroethene	10.861	164	159574	22.132	ug/L	95
48) 2-Hexanone	10.965	43	213432	47.616	ug/L	96
49) Dibromochloromethane	11.123	129	179148	24.044	ug/L	97
50) 1,2-Dibromoethane	11.233	107	152593	23.191	ug/L	97
51) Chlorobenzene	11.654	112	617591	24.205	ug/L	99
52) Ethylbenzene	11.727	91	1118647	24.354	ug/L	98
53) m,p-Xylene	11.837	106	410241	24.008	ug/L	94
54) o-Xylene	12.166	106	386817	23.985	ug/L	96
55) Styrene	12.178	104	688969	24.901	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	204855	23.820	ug/L	96
59) Bromoform	12.349	173	93878	21.334	ug/L	98
60) Isopropylbenzene	12.465	105	1074568	23.348	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	150079	22.869	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	876018	23.944	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	781071	23.309	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	451381	23.326	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	456110	23.411	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	395937	22.785	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	31081	20.442	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	271899	20.454	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	230507	21.015	ug/L	99
71) Naphthalene	15.360	128	407194	20.829	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	202366	21.110	ug/L	97

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

