

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070723\
 Data File : VW026555.D
 Acq On : 07 Jul 2023 08:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

Quant Time: Jul 08 05:31:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Mahesh Dadoda 07/10/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	777787	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	670419	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	334683	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	267775	22.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.600%
7) Chloroethane-d5	2.893	69	203928	21.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
11) 1,1-Dichloroethene-d2	4.021	65	130913	23.999	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.000%
21) 2-Butanone-d5	7.075	46	178802	39.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.920%
24) Chloroform-d	7.648	84	518602	22.632	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.520%
26) 1,2-Dichloroethane-d4	8.301	65	285012	21.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.520%
32) Benzene-d6	8.276	84	1070894	25.053	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	9.270	67	333141	24.445	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	10.319	98	943784	24.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.360%
43) trans-1,3-Dichloroprop...	10.575	79	132940	24.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.200%
47) 2-Hexanone-d5	10.922	63	116311	42.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	262363	22.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	13.849	152	287746	21.648	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	223236	25.182	ug/L	95
3) Chloromethane	2.223	50	282393	19.699	ug/L	98
5) Vinyl chloride	2.369	62	294217	20.839	ug/L	98
6) Bromomethane	2.783	94	154839	18.784	ug/L	99
8) Chloroethane	2.930	64	170305	20.025	ug/L	99
9) Trichlorofluoromethane	3.265	101	197926	21.809	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	246170	23.199	ug/L	98
12) 1,1-Dichloroethene	4.039	96	232348	23.674	ug/L	94
13) Acetone	4.119	43	129201	46.561	ug/L	100
14) Carbon disulfide	4.387	76	710371	22.799	ug/L	99
15) Methyl Acetate	4.667	43	145276m	21.041	ug/L	
16) Methylene chloride	4.917	84	260744	18.812	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	245606	22.237	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	404199	20.931	ug/L	99
19) 1,1-Dichloroethane	6.216	63	512594	21.551	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	270481	21.345	ug/L	95
22) 2-Butanone	7.167	43	200717	38.864	ug/L	99
23) Bromochloromethane	7.514	128	110553	21.066	ug/L	92
25) Chloroform	7.673	83	474337	22.253	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	325403	20.718	ug/L	99
29) Cyclohexane	7.953	56	477533	25.568	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	378890	25.119	ug/L	99
31) Carbon tetrachloride	8.069	117	335516	24.672	ug/L	99
33) Benzene	8.325	78	1064641	24.521	ug/L	100
34) Trichloroethene	9.087	95	269680	24.352	ug/L	96
35) Methylcyclohexane	9.337	83	484072	25.591	ug/L	100
37) 1,2-Dichloropropane	9.368	63	288160	24.226	ug/L	100
38) Bromodichloromethane	9.642	83	324940	23.152	ug/L #	99
39) cis-1,3-Dichloropropene	10.069	75	425886	24.283	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	409039	44.441	ug/L	100
42) Toluene	10.386	91	1092274	24.716	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	352086	23.954	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	195291	22.335	ug/L	97
46) Tetrachloroethene	10.861	164	188048	24.200	ug/L	93
48) 2-Hexanone	10.965	43	289988	45.183	ug/L	98
49) Dibromochloromethane	11.130	129	201943	23.052	ug/L	99
50) 1,2-Dibromoethane	11.233	107	184745	23.039	ug/L	96
51) Chlorobenzene	11.654	112	663243	22.961	ug/L	96
52) Ethylbenzene	11.727	91	1254966	24.048	ug/L	98
53) m,p-Xylene	11.837	106	464542	24.345	ug/L	94
54) o-Xylene	12.166	106	433865	23.467	ug/L	98
55) Styrene	12.178	104	740192	23.411	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	249748	21.818	ug/L	99
59) Bromoform	12.343	173	115426	21.986	ug/L	97
60) Isopropylbenzene	12.459	105	1207256	23.519	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	185839	21.313	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	975712	23.053	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	971148	23.853	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	497612	22.786	ug/L	98
65) 1,4-Dichlorobenzene	13.580	146	489973	22.500	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	442917	21.529	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	40965	18.630	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	319070	21.964	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	270646	22.839	ug/L	100
71) Naphthalene	15.360	128	601845	22.694	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	234563	22.154	ug/L	97

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

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