

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021123\
 Data File : VU053053.D
 Acq On : 11 Feb 2023 16:54
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 12 22:43:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	136907	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	118139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58222	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	28121	4.288	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.913	69	27851	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.563	65	12852	4.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.649	46	92318	45.959	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.920%
24) Chloroform-d	5.058	84	69200	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.701	65	34693	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.723	84	124062	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.688	67	43850	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	109499	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.177	79	16760	4.477	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.633	63	78982	47.527	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.060%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	38824	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	41386	4.758	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	47338	4.709	ug/L	99
3) Chloromethane	1.518	50	50372	4.810	ug/L	100
5) Vinyl chloride	1.601	62	56106	4.863	ug/L	97
6) Bromomethane	1.859	94	32791	4.570	ug/L	96
8) Chloroethane	1.933	64	32714	4.815	ug/L	98
9) Trichlorofluoromethane	2.138	101	78169	4.918	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	41506	4.743	ug/L	98
12) 1,1-Dichloroethene	2.576	96	38621	4.768	ug/L	85
13) Acetone	2.675	43	56410m	39.122	ug/L	
14) Carbon disulfide	2.791	76	119492	4.886	ug/L	100
15) Methyl Acetate	2.965	43	19867m	5.643	ug/L	
16) Methylene chloride	3.042	84	50990	5.442	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	106367	4.836	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	40109	4.680	ug/L	97
19) 1,1-Dichloroethane	3.865	63	78332	4.853	ug/L	94
21) 2-Butanone	4.727	43	94347	44.292	ug/L	90
22) cis-1,2-Dichloroethene	4.662	96	46429	4.800	ug/L	98
23) Bromochloromethane	4.971	128	19806	5.171	ug/L	97
25) Chloroform	5.084	83	80879	4.793	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	49689	4.790	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	71313	5.053	ug/L	98
30) Cyclohexane	5.386	56	70463	4.993	ug/L	99
31) Carbon tetrachloride	5.521	117	60959	5.175	ug/L	97
33) Benzene	5.772	78	173073	5.084	ug/L	100
34) Trichloroethene	6.540	95	46596	4.864	ug/L	96
35) Methylcyclohexane	6.759	83	75608	4.875	ug/L	98
37) 1,2-Dichloropropane	6.788	63	46638	5.031	ug/L	99
38) Bromodichloromethane	7.103	83	60233	5.011	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	70119	4.742	ug/L	96
40) 4-Methyl-2-pentanone	7.791	43	240276	49.654	ug/L	99
42) Toluene	7.964	91	188923	5.109	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	58241	4.775	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	33098	4.956	ug/L	97
47) Tetrachloroethene	8.550	164	31904	5.124	ug/L	97
48) 2-Hexanone	8.681	43	162690	45.808	ug/L	98
49) Dibromochloromethane	8.807	129	38661	5.309	ug/L	95
50) 1,2-Dibromoethane	8.919	107	32345	5.249	ug/L #	99
51) Chlorobenzene	9.443	112	117263	5.083	ug/L	99
52) Ethylbenzene	9.566	91	209115	4.983	ug/L	99
53) m,p-Xylene	9.691	106	78067	4.975	ug/L	99
54) o-Xylene	10.096	106	76797	5.049	ug/L	96
55) Styrene	10.112	104	124918	5.062	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	42075	4.979	ug/L	99
59) Bromoform	10.286	173	22235	5.254	ug/L	96
60) Isopropylbenzene	10.479	105	207664	4.930	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	27860	4.983	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	174588	4.908	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	177396	4.983	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	84555	4.957	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	83575	4.890	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	80451	5.058	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.993	75	6710	5.107	ug/L	88
69) 1,3,5-Trichlorobenzene	13.215	180	58832	4.842	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	50138	4.970	ug/L	98
71) Naphthalene	14.083	128	99950	4.941	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	46236	5.193	ug/L	99

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

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