

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021823\
 Data File : VU053138.D
 Acq On : 18 Feb 2023 16:50
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: Feb 19 23:29:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 19 23:26:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	137948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	125368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60808	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	24340	3.683	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.913	69	27176	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.563	65	12057	3.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.646	46	111879	55.277	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.560%
24) Chloroform-d	5.058	84	73510	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.698	65	37663	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.723	84	129665	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.685	67	46718	4.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.894	98	111496	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.173	79	16595	4.178	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.630	63	87467	49.597	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.200%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	42300	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	45011	4.955	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49775	4.915	ug/L	98
3) Chloromethane	1.518	50	51187	4.851	ug/L	98
5) Vinyl chloride	1.601	62	54542	4.691	ug/L	97
6) Bromomethane	1.859	94	32303	4.468	ug/L	99
8) Chloroethane	1.933	64	32260	4.712	ug/L	99
9) Trichlorofluoromethane	2.138	101	74651	4.661	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	42615	4.833	ug/L	98
12) 1,1-Dichloroethene	2.579	96	40689	4.986	ug/L	97
13) Acetone	2.666	43	57839	39.810	ug/L	82
14) Carbon disulfide	2.791	76	124924	5.070	ug/L	99
15) Methyl Acetate	2.958	43	19323	5.447	ug/L	# 78
16) Methylene chloride	3.042	84	49304	5.222	ug/L	94
17) Methyl tert-butyl Ether	3.360	73	109916	4.960	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	42077	4.873	ug/L	96
19) 1,1-Dichloroethane	3.865	63	84141	5.173	ug/L	97
21) 2-Butanone	4.723	43	104419	48.651	ug/L	100
22) cis-1,2-Dichloroethene	4.659	96	49202	5.049	ug/L	96
23) Bromochloromethane	4.974	128	20810	5.392	ug/L	97
25) Chloroform	5.084	83	83643	4.920	ug/L	97

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27) 1,2-Dichloroethane	5.791	62	51405	4.919	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	72555	4.844	ug/L	98
30) Cyclohexane	5.383	56	73901	4.935	ug/L	98
31) Carbon tetrachloride	5.521	117	61483	4.918	ug/L	97
33) Benzene	5.768	78	181674	5.029	ug/L	100
34) Trichloroethene	6.540	95	48811	4.802	ug/L	98
35) Methylcyclohexane	6.759	83	79624	4.838	ug/L	99
37) 1,2-Dichloropropane	6.788	63	50112	5.094	ug/L	100
38) Bromodichloromethane	7.100	83	60987	4.781	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	72535	4.623	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	261318	50.888	ug/L	99
42) Toluene	7.964	91	195543	4.983	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	60934	4.708	ug/L	98
45) 1,1,2-Trichloroethane	8.395	97	34591	4.881	ug/L	94
47) Tetrachloroethene	8.550	164	32783	4.962	ug/L	96
48) 2-Hexanone	8.681	43	182641	48.460	ug/L	99
49) Dibromochloromethane	8.804	129	38832	5.025	ug/L	100
50) 1,2-Dibromoethane	8.919	107	32949	5.039	ug/L	94
51) Chlorobenzene	9.444	112	122339	4.997	ug/L	99
52) Ethylbenzene	9.566	91	220206	4.945	ug/L	99
53) m,p-Xylene	9.688	106	83182	4.995	ug/L	98
54) o-Xylene	10.096	106	82464	5.109	ug/L	98
55) Styrene	10.109	104	133018	5.080	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	44218	4.931	ug/L	99
59) Bromoform	10.286	173	21117	4.777	ug/L	98
60) Isopropylbenzene	10.479	105	218924	4.976	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	30431	5.212	ug/L	96
62) 1,3,5-Trimethylbenzene	11.083	105	184629	4.970	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	185584	4.991	ug/L	99
64) 1,3-Dichlorobenzene	11.739	146	88214	4.951	ug/L	99
65) 1,4-Dichlorobenzene	11.829	146	86932	4.870	ug/L	100
67) 1,2-Dichlorobenzene	12.205	146	84401	5.081	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	6578	4.793	ug/L	94
69) 1,3,5-Trichlorobenzene	13.215	180	59121	4.659	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	50607	4.803	ug/L	99
71) Naphthalene	14.080	128	101192	4.789	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	44844	4.823	ug/L	98

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

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