

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053030.D
 Acq On : 10 Feb 2023 11:21
 Operator : JC/MD
 Sample : VSTD001008
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001008

Manual Integrations
 APPROVED

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

Quant Time: Feb 10 23:02:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:01:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	124350	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	109610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	6119	1.027	ug/L	0.00
7) Chloroethane-d5	1.913	69	5207	0.930	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.566	65	2678	0.980	ug/L	0.00
20) 2-Butanone-d5	4.659	46	18111m	9.927	ug/L	0.02
24) Chloroform-d	5.058	84	13362	0.975	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	6548	0.948	ug/L	0.00
32) Benzene-d6	5.723	84	23687	0.962	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	8203	0.956	ug/L	0.00
41) Toluene-d8	7.897	98	20833	0.936	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	3512	1.011	ug/L	0.00
46) 2-Hexanone-d5	8.633	63	14764	9.575	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	7265	0.986	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	7411	0.960	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	8467	0.927	ug/L	100
3) Chloromethane	1.518	50	9268	0.974	ug/L	99
5) Vinyl chloride	1.601	62	10019	0.956	ug/L	100
6) Bromomethane	1.859	94	5796	0.889	ug/L	93
8) Chloroethane	1.932	64	5739	0.930	ug/L	93
9) Trichlorofluoromethane	2.135	101	13656	0.946	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	7640	0.961	ug/L	98
12) 1,1-Dichloroethene	2.576	96	6584	0.895	ug/L #	88
13) Acetone	2.678	43	13116m	9.958	ug/L	
14) Carbon disulfide	2.791	76	20603	0.928	ug/L	100
15) Methyl Acetate	2.968	43	3075m	0.978	ug/L	
16) Methylene chloride	3.045	84	8182	0.961	ug/L	95
17) Methyl tert-butyl Ether	3.363	73	18600	0.931	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	7345	0.944	ug/L	96
19) 1,1-Dichloroethane	3.868	63	13562	0.925	ug/L	96
21) 2-Butanone	4.749	43	18942m	9.705	ug/L	
22) cis-1,2-Dichloroethene	4.669	96	8332	0.948	ug/L	98
23) Bromochloromethane	4.971	128	3258	0.936	ug/L	82
25) Chloroform	5.083	83	14570	0.951	ug/L	98
27) 1,2-Dichloroethane	5.794	62	8886	0.943	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	12230	0.934	ug/L	98
30) Cyclohexane	5.382	56	12602	0.962	ug/L	99
31) Carbon tetrachloride	5.521	117	9969	0.912	ug/L	98
33) Benzene	5.772	78	29224	0.925	ug/L	100
34) Trichloroethene	6.540	95	8429	0.948	ug/L	95
35) Methylcyclohexane	6.759	83	14144	0.983	ug/L	95
37) 1,2-Dichloropropane	6.788	63	8244	0.959	ug/L #	96
38) Bromodichloromethane	7.103	83	11125	0.998	ug/L #	97
39) cis-1,3-Dichloropropene	7.604	75	12776	0.931	ug/L	88
40) 4-Methyl-2-pentanone	7.791	43	42292	9.420	ug/L	99
42) Toluene	7.968	91	32101	0.936	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	10589	0.936	ug/L	100

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

45) 1,1,2-Trichloroethane	8.398	97	5988	0.966	ug/L	91
47) Tetrachloroethene	8.550	164	5325	0.922	ug/L	96
48) 2-Hexanone	8.685	43	31303m	9.500	ug/L	
49) Dibromochloromethane	8.807	129	6237	0.923	ug/L	98
50) 1,2-Dibromoethane	8.923	107	5589	0.978	ug/L #	92
51) Chlorobenzene	9.443	112	19576	0.915	ug/L	98
52) Ethylbenzene	9.566	91	36217	0.930	ug/L	98
53) m,p-Xylene	9.691	106	13039	0.896	ug/L	89
54) o-Xylene	10.096	106	13298	0.942	ug/L	98
55) Styrene	10.112	104	20213	0.883	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.781	83	7526	0.960	ug/L	97
59) Bromoform	10.286	173	3458	0.920	ug/L	91
60) Isopropylbenzene	10.482	105	34852	0.932	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	4731	0.953	ug/L	97
62) 1,3,5-Trimethylbenzene	11.083	105	30012	0.950	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	29388	0.930	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	13876	0.916	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	14473	0.954	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	13116	0.929	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.000	75	997	0.855	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.215	180	9639	0.894	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	7789	0.870	ug/L	96
71) Naphthalene	14.086	128	15851	0.883	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	6736	0.852	ug/L	97

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

Manual Integrations

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