Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
Data File : VU054159.D
Acq On : 18 May 2023 10:59
Operator : JC/MD
Sample : VSTD01028
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD010028

Quant Time: May 19 01:41:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 19 01:39:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	176002	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	166298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	96262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	101119	9.769	ug/L	0.00
7) Chloroethane-d5	1.912	69	76978	8.916	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	46140	10.523	ug/L	0.00
20) 2-Butanone-d5	4.629	46	183930	96.057	ug/L	0.00
24) Chloroform-d	5.057	84	188589	9.562	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	86071	9.473	ug/L	0.00
32) Benzene-d6	5.723	84	370340	9.775	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	106530	9.317	ug/L	0.00
41) Toluene-d8	7.893	98	349400	9.840	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	44386	9.724	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	134821	86.560	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	75917	8.256	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.185	152	124236	8.257	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	145888	11.181	ug/L	99
3) Chloromethane	1.517	50	130202	10.346	ug/L	99
5) Vinyl chloride	1.604	62	145094	10.149	ug/L	98
6) Bromomethane	1.858	94	87579	9.545	ug/L	97
8) Chloroethane	1.935	64	88362	9.872	ug/L	98
9) Trichlorofluoromethane	2.134	101	227879	10.577	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	135270	10.756	ug/L	98
12) 1,1-Dichloroethene	2.578	96	116452	10.530	ug/L	99
13) Acetone	2.646	43	253740	145.598	ug/L	98
14) Carbon disulfide	2.790	76	301885	10.164	ug/L	99
15) Methyl Acetate	2.951	43	45032	12.504	ug/L	97
16) Methylene chloride	3.041	84	136644	9.087	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	296975	12.016	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	121634	10.848	ug/L	99
19) 1,1-Dichloroethane	3.864	63	242050	11.766	ug/L	97
21) 2-Butanone	4.710	43	342504	143.392	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	140798	11.053	ug/L	95
23) Bromochloromethane	4.970	128	62610	11.116	ug/L	95
25) Chloroform	5.083	83	253906	11.378	ug/L	100
27) 1,2-Dichloroethane	5.790	62	149651	11.626	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	228359	11.920	ug/L	99
30) Cyclohexane	5.382	56	193404	11.518	ug/L	99
31) Carbon tetrachloride	5.520	117	203871	12.278	ug/L	99
33) Benzene	5.768	78	524151	11.150	ug/L	100
34) Trichloroethene	6.536	95	143580	11.252	ug/L	98
35) Methylcyclohexane	6.758	83	211895	10.941	ug/L	98
37) 1,2-Dichloropropane	6.784	63	135163	11.460	ug/L	99
38) Bromodichloromethane	7.099	83	172530	11.649	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	209725	11.713	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	711473	128.282	ug/L	100
42) Toluene	7.964	91	568162	11.388	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	172848	11.925	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.395	97	97091	11.089	ug/L	99
47) Tetrachloroethene	8.549	164	116987	11.461	ug/L	98
48) 2-Hexanone	8.681	43	555868	131.297	ug/L	100
49) Dibromochloromethane	8.803	129	111525	11.865	ug/L	99
50) 1,2-Dibromoethane	8.919	107	90719	11.173	ug/L	98
51) Chlorobenzene	9.443	112	374192	11.008	ug/L	99
52) Ethylbenzene	9.565	91	647960	11.739	ug/L	100
53) m,p-Xylene	9.690	106	249983	11.841	ug/L	98
54) o-Xylene	10.095	106	244652	11.988	ug/L	99
55) Styrene	10.108	104	414468	12.377	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	114089	10.802	ug/L	99
59) Bromoform	10.285	173	66018	11.655	ug/L	99
60) Isopropylbenzene	10.478	105	667458	11.430	ug/L	100
61) 1,2,3-Trichloropropane	10.816	75	81786	10.845	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	561911	11.796	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	570149	11.827	ug/L	99
64) 1,3-Dichlorobenzene	11.738	146	320582	10.978	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	313127	10.606	ug/L	98
67) 1,2-Dichlorobenzene	12.205	146	293775	10.825	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	18193	11.516	ug/L	89
69) 1,3,5-Trichlorobenzene	13.214	180	250342	11.784	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	209393	10.838	ug/L	99
71) Naphthalene	14.079	128	311256	9.345	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	183016	10.594	ug/L	99

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

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