Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
Data File : VU055010.D
Acq On : 30 Aug 2023 20:58
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005100

Quant Time: Aug 31 02:40:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 31 02:34:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	165766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	92734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18845	3.557	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.200%			
7) Chloroethane-d5	1.907	69	25999	3.798	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.000%			
11) 1,1-Dichloroethene-d2	2.560	65	11255	3.759	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.200%			
20) 2-Butanone-d5	4.627	46	167773	58.666	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.340%			
24) Chloroform-d	5.058	84	89077	4.532	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
26) 1,2-Dichloroethane-d4	5.698	65	49741	4.756	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.200%			
32) Benzene-d6	5.724	84	152051	4.081	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.688	67	57547	4.391	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.800%			
41) Toluene-d8	7.894	98	143605	4.024	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.400%			
43) trans-1,3-Dichloroprop...	8.180	79	17587	4.078	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.600%			
46) 2-Hexanone-d5	8.631	63	117580	57.440	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.880%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58278	5.186	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.800%			
66) 1,2-Dichlorobenzene-d4	12.193	152	64469	4.354	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	57980	5.574	ug/L	98
3) Chloromethane	1.518	50	57270	5.277	ug/L	97
5) Vinyl chloride	1.599	62	60520	5.372	ug/L	97
6) Bromomethane	1.853	94	30663	4.362	ug/L	95
8) Chloroethane	1.930	64	38132	5.147	ug/L	98
9) Trichlorofluoromethane	2.136	101	86700	5.408	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48523	5.571	ug/L	95
12) 1,1-Dichloroethene	2.576	96	41871	5.524	ug/L	86
13) Acetone	2.634	43	84610	54.735	ug/L	97
14) Carbon disulfide	2.788	76	104900	4.997	ug/L	97
15) Methyl Acetate	2.952	43	21932	6.931	ug/L	96
16) Methylene chloride	3.039	84	59319	5.094	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	124684	5.652	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	44717	5.399	ug/L	91
19) 1,1-Dichloroethane	3.865	63	96611	5.561	ug/L	99
21) 2-Butanone	4.708	43	141551	59.760	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	57663	5.839	ug/L	95
23) Bromochloromethane	4.975	128	22839	5.345	ug/L	83
25) Chloroform	5.084	83	104070	5.461	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.791	62	65368	5.614	ug/L		100
29) 1,1,1-Trichloroethane	5.312	97	82813	5.026	ug/L		99
30) Cyclohexane	5.386	56	72401	4.957	ug/L		96
31) Carbon tetrachloride	5.521	117	67467	4.812	ug/L		100
33) Benzene	5.772	78	203814	5.212	ug/L		100
34) Trichloroethene	6.541	95	68370	6.309	ug/L		95
35) Methylcyclohexane	6.762	83	70398	4.391	ug/L		97
37) 1,2-Dichloropropane	6.788	63	57289	5.255	ug/L		99
38) Bromodichloromethane	7.103	83	69792	5.161	ug/L		100
39) cis-1,3-Dichloropropene	7.605	75	70244	4.471	ug/L		99
40) 4-Methyl-2-pentanone	7.788	43	352808	58.052	ug/L		99
42) Toluene	7.965	91	213490	4.920	ug/L		98
44) trans-1,3-Dichloropropene	8.209	75	62739	4.836	ug/L		99
45) 1,1,2-Trichloroethane	8.396	97	41301	5.613	ug/L		98
47) Tetrachloroethene	8.550	164	37355	4.797	ug/L		97
48) 2-Hexanone	8.682	43	267760	59.492	ug/L		99
49) Dibromochloromethane	8.807	129	42805	5.022	ug/L		89
50) 1,2-Dibromoethane	8.923	107	39175	5.531	ug/L	#	89
51) Chlorobenzene	9.444	112	142212	5.035	ug/L		98
52) Ethylbenzene	9.569	91	240009	4.904	ug/L		99
53) m,p-Xylene	9.692	106	88897	4.847	ug/L		96
54) o-Xylene	10.097	106	87764	4.992	ug/L		100
55) Styrene	10.113	104	150408	5.189	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.778	83	52064	5.720	ug/L		97
59) Bromoform	10.286	173	23163	5.028	ug/L		95
60) Isopropylbenzene	10.483	105	241026	4.842	ug/L		99
61) 1,2,3-Trichloropropane	10.820	75	37598	5.445	ug/L		99
62) 1,3,5-Trimethylbenzene	11.087	105	199341	4.666	ug/L		99
63) 1,2,4-Trimethylbenzene	11.466	105	190776	4.813	ug/L		99
64) 1,3-Dichlorobenzene	11.743	146	114569	4.946	ug/L		99
65) 1,4-Dichlorobenzene	11.833	146	114532	4.943	ug/L		98
67) 1,2-Dichlorobenzene	12.209	146	108807	5.154	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.994	75	7267	5.432	ug/L		97
69) 1,3,5-Trichlorobenzene	13.216	180	77903	5.045	ug/L		98
70) 1,2,4-trichlorobenzene	13.839	180	63201	5.225	ug/L		99
71) Naphthalene	14.087	128	95068	5.225	ug/L		98
72) 1,2,3-Trichlorobenzene	14.328	180	55027	5.491	ug/L		98

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

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