Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
Data File : VU056692.D
Acq On : 07 Dec 2023 19:42
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

Quant Time: Dec 08 02:05:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 07 04:51:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	255790	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	257529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	60201	3.147	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.000%			
7) Chloroethane-d5	1.911	69	48893	3.333	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 66.600%			
11) 1,1-Dichloroethene-d2	2.563	65	30120	3.567	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.400%			
20) 2-Butanone-d5	4.621	46	225812	59.191	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.380%			
24) Chloroform-d	5.055	84	166596	4.502	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.000%			
26) 1,2-Dichloroethane-d4	5.695	65	81189	4.748	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
32) Benzene-d6	5.721	84	297914	3.883	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.600%			
36) 1,2-Dichloropropane-d6	6.685	67	98243	4.248	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.000%			
41) Toluene-d8	7.894	98	259814	3.835	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.600%			
43) trans-1,3-Dichloroprop...	8.174	79	36103	4.071	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.400%			
46) 2-Hexanone-d5	8.631	63	181088	51.957	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.920%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82749	5.008	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	98542	4.044	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	67818	3.346	ug/L	97
3) Chloromethane	1.515	50	70832	3.420	ug/L	97
5) Vinyl chloride	1.602	62	76603	3.839	ug/L	99
6) Bromomethane	1.853	94	40652	4.025	ug/L	98
8) Chloroethane	1.930	64	46405	3.807	ug/L	98
9) Trichlorofluoromethane	2.136	101	131287	4.566	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	84714	4.962	ug/L	100
12) 1,1-Dichloroethene	2.576	96	71246	4.550	ug/L	91
13) Acetone	2.631	43	126348	38.885	ug/L	99
14) Carbon disulfide	2.788	76	157438	3.090	ug/L	99
15) Methyl Acetate	2.949	43	30128	5.210	ug/L	97
16) Methylene chloride	3.039	84	91480	4.415	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	198844	5.227	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	72608	4.507	ug/L	98
19) 1,1-Dichloroethane	3.862	63	163517	5.124	ug/L	99
21) 2-Butanone	4.702	43	196317	46.562	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	92531	5.064	ug/L	97
23) Bromochloromethane	4.968	128	37066	4.929	ug/L	91
25) Chloroform	5.081	83	183197	5.298	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	102119	5.202	ug/L		97
29) 1,1,1-Trichloroethane	5.309	97	152123	5.146	ug/L		99
30) Cyclohexane	5.383	56	105217	3.750	ug/L		99
31) Carbon tetrachloride	5.518	117	121646	4.791	ug/L		99
33) Benzene	5.769	78	342592	4.662	ug/L		100
34) Trichloroethene	6.537	95	94339	4.712	ug/L		99
35) Methylcyclohexane	6.756	83	113572	3.929	ug/L		99
37) 1,2-Dichloropropane	6.785	63	98280	5.129	ug/L		100
38) Bromodichloromethane	7.100	83	126025	5.094	ug/L		100
39) cis-1,3-Dichloropropene	7.602	75	134944	4.792	ug/L		100
40) 4-Methyl-2-pentanone	7.785	43	504668	53.128	ug/L		99
42) Toluene	7.965	91	371080	4.878	ug/L		99
44) trans-1,3-Dichloropropene	8.206	75	113563	5.059	ug/L		98
45) 1,1,2-Trichloroethane	8.393	97	71370	5.592	ug/L		94
47) Tetrachloroethene	8.547	164	64876	4.805	ug/L		94
48) 2-Hexanone	8.679	43	366763	49.561	ug/L		99
49) Dibromochloromethane	8.804	129	78028	5.377	ug/L		98
50) 1,2-Dibromoethane	8.920	107	61023	5.065	ug/L		100
51) Chlorobenzene	9.441	112	242794	4.967	ug/L		98
52) Ethylbenzene	9.566	91	413633	4.896	ug/L		99
53) m,p-Xylene	9.692	106	149533	4.815	ug/L		95
54) o-Xylene	10.097	106	148914	4.936	ug/L		98
55) Styrene	10.110	104	263553	5.252	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.775	83	85629	5.495	ug/L	#	99
59) Bromoform	10.287	173	43579	5.304	ug/L		96
60) Isopropylbenzene	10.479	105	416978	4.902	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	59309	5.241	ug/L		99
62) 1,3,5-Trimethylbenzene	11.084	105	331035	4.740	ug/L		99
63) 1,2,4-Trimethylbenzene	11.463	105	336236	4.877	ug/L		100
64) 1,3-Dichlorobenzene	11.740	146	193327	4.997	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	187843	4.840	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	182241	5.134	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11171	4.622	ug/L		94
69) 1,3,5-Trichlorobenzene	13.212	180	143596	4.929	ug/L		99
70) 1,2,4-trichlorobenzene	13.836	180	105056	4.428	ug/L		98
71) Naphthalene	14.084	128	140236	3.912	ug/L		100
72) 1,2,3-Trichlorobenzene	14.325	180	86500	4.426	ug/L		98

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

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