Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
Data File : VU047487.D
Acq On : 11 Mar 2022 13:14
Operator : SY/MD
Sample : N1878-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4685MS

Quant Time: Mar 12 01:33:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 12 01:28:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140082	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	135915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33749	4.442	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.800%			
7) Chloroethane-d5	1.919	69	26416	4.736	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.800%			
11) 1,1-Dichloroethene-d2	2.571	65	15669	4.669	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.400%			
20) 2-Butanone-d5	4.645	46	67542	49.933	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.860%			
24) Chloroform-d	5.070	84	60671	5.013	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.200%			
26) 1,2-Dichloroethane-d4	5.706	65	28845	4.706	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.200%			
32) Benzene-d6	5.732	84	120454	4.712	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.200%			
36) 1,2-Dichloropropane-d6	6.693	67	36067	4.769	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.400%			
41) Toluene-d8	7.899	98	118730	4.725	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.400%			
43) trans-1,3-Dichloroprop...	8.179	79	15145	4.716	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.400%			
46) 2-Hexanone-d5	8.635	63	69093	48.844	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.680%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32951	4.999	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.000%			
66) 1,2-Dichlorobenzene-d4	12.195	152	46316	4.832	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	57609	5.493	ug/L	99
3) Chloromethane	1.523	50	56360	5.381	ug/L	99
5) Vinyl chloride	1.607	62	57297	5.562	ug/L	95
6) Bromomethane	1.861	94	26291	4.476	ug/L	100
8) Chloroethane	1.938	64	33399	5.338	ug/L	99
9) Trichlorofluoromethane	2.144	101	74425	5.483	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	46004	5.489	ug/L	99
12) 1,1-Dichloroethene	2.584	96	44034	5.354	ug/L	89
13) Acetone	2.655	43	63943	51.451	ug/L	97
14) Carbon disulfide	2.800	76	135000	5.347	ug/L	99
15) Methyl Acetate	2.960	43	19854	6.045	ug/L	100
16) Methylene chloride	3.050	84	49829	5.076	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	119253	5.623	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	46819	5.317	ug/L	97
19) 1,1-Dichloroethane	3.874	63	84592	5.649	ug/L	98
21) 2-Butanone	4.722	43	118270	52.845	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	55322	5.670	ug/L	100
23) Bromochloromethane	4.980	128	26135	5.606	ug/L	98
25) Chloroform	5.092	83	92035	5.676	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	59544	5.704	ug/L	98
29) 1,1,1-Trichloroethane	5.320	97	75597	5.383	ug/L	98
30) Cyclohexane	5.391	56	70415	5.205	ug/L	97
31) Carbon tetrachloride	5.529	117	67353	5.461	ug/L	97
33) Benzene	5.777	78	196430	5.351	ug/L	100
34) Trichloroethene	6.546	95	51238	5.222	ug/L	99
35) Methylcyclohexane	6.767	83	76805	4.962	ug/L	100
37) 1,2-Dichloropropane	6.793	63	51276	5.609	ug/L	100
38) Bromodichloromethane	7.108	83	67236	5.540	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	74583	5.381	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	338427	54.306	ug/L	99
42) Toluene	7.970	91	214146	5.370	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	67876	5.430	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	41753	5.573	ug/L	97
47) Tetrachloroethene	8.555	164	44061	5.293	ug/L	99
48) 2-Hexanone	8.687	43	247983	54.848	ug/L	99
49) Dibromochloromethane	8.812	129	51276	5.634	ug/L	99
50) 1,2-Dibromoethane	8.925	107	40762	5.347	ug/L	100
51) Chlorobenzene	9.446	112	143303	5.372	ug/L	99
52) Ethylbenzene	9.571	91	225832	5.229	ug/L	98
53) m,p-Xylene	9.693	106	88077	5.199	ug/L	99
54) o-Xylene	10.102	106	86077	5.244	ug/L	98
55) Styrene	10.115	104	145623	5.248	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	55202	5.504	ug/L	100
59) Bromoform	10.291	173	32399	5.692	ug/L	98
60) Isopropylbenzene	10.484	105	223786	5.291	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	38575	5.509	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	142579	5.139	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	184974	5.140	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	118708	5.295	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	117586	5.165	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	116031	5.386	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	8975	5.685	ug/L	94
69) 1,3,5-Trichlorobenzene	13.220	180	97479	5.301	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	83888	5.118	ug/L	98
71) Naphthalene	14.085	128	145140	4.951	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	77365	5.148	ug/L	99

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

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