Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
Data File : VU047488.D
Acq On : 11 Mar 2022 13:38
Operator : SY/MD
Sample : N1878-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4685MSD

Quant Time: Mar 12 01:34:12 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	83835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	81633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45757	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20382	4.483	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.600%			
7) Chloroethane-d5	1.919	69	15514	4.648	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.000%			
11) 1,1-Dichloroethene-d2	2.572	65	8926	4.445	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.800%			
20) 2-Butanone-d5	4.642	46	76933	95.035	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 190.080%#			
24) Chloroform-d	5.067	84	37427	5.167	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.400%			
26) 1,2-Dichloroethane-d4	5.707	65	20588	5.613	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.200%			
32) Benzene-d6	5.732	84	71761	4.673	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
36) 1,2-Dichloropropane-d6	6.694	67	22139	4.874	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.400%			
41) Toluene-d8	7.899	98	69749	4.621	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
43) trans-1,3-Dichloroprop...	8.179	79	10099	5.236	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.800%			
46) 2-Hexanone-d5	8.636	63	62902	74.036	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 148.080%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	26573	6.712	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 134.200%#			
66) 1,2-Dichlorobenzene-d4	12.192	152	28951	4.990	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	37085	5.908	ug/L	99
3) Chloromethane	1.523	50	36346	5.799	ug/L	99
5) Vinyl chloride	1.607	62	35525	5.762	ug/L	97
6) Bromomethane	1.861	94	17863	5.081	ug/L	98
8) Chloroethane	1.938	64	22006	5.877	ug/L	100
9) Trichlorofluoromethane	2.144	101	48644	5.988	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30121	6.006	ug/L	98
12) 1,1-Dichloroethene	2.588	96	27853	5.659	ug/L	98
13) Acetone	2.658	43	88367	118.809	ug/L	97
14) Carbon disulfide	2.800	76	85745	5.675	ug/L	98
15) Methyl Acetate	2.961	43	20191	10.273	ug/L	95
16) Methylene chloride	3.051	84	32279	5.494	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	91361	7.198	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	29339	5.568	ug/L	96
19) 1,1-Dichloroethane	3.874	63	54040	6.029	ug/L	96
21) 2-Butanone	4.719	43	148625	110.963	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	35058	6.004	ug/L	96
23) Bromochloromethane	4.980	128	18056	6.472	ug/L	95
25) Chloroform	5.092	83	59760	6.158	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	43202	6.915	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	48878	5.795	ug/L	99
30) Cyclohexane	5.395	56	44660	5.496	ug/L	99
31) Carbon tetrachloride	5.530	117	43668	5.895	ug/L	99
33) Benzene	5.777	78	125462	5.691	ug/L	100
34) Trichloroethene	6.543	95	33564	5.695	ug/L	93
35) Methylcyclohexane	6.764	83	49368	5.310	ug/L	99
37) 1,2-Dichloropropane	6.793	63	32353	5.892	ug/L	100
38) Bromodichloromethane	7.108	83	44019	6.039	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	48302	5.803	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	329543	88.043	ug/L	99
42) Toluene	7.970	91	138365	5.777	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	46295	6.166	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	31257	6.946	ug/L	97
47) Tetrachloroethene	8.552	164	27789	5.558	ug/L	98
48) 2-Hexanone	8.687	43	249395	91.840	ug/L	99
49) Dibromochloromethane	8.809	129	36233	6.628	ug/L	99
50) 1,2-Dibromoethane	8.925	107	33548	7.327	ug/L	99
51) Chlorobenzene	9.449	112	90750	5.664	ug/L	99
52) Ethylbenzene	9.571	91	142231	5.483	ug/L	100
53) m,p-Xylene	9.694	106	55285	5.433	ug/L	100
54) o-Xylene	10.102	106	54763	5.555	ug/L	97
55) Styrene	10.115	104	93264	5.596	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	47002	7.803	ug/L	99
59) Bromoform	10.292	173	26767	7.770	ug/L	100
60) Isopropylbenzene	10.484	105	141081	5.511	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	34676	8.181	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	89987	5.359	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	115340	5.295	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	75347	5.553	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	76554	5.556	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	76732	5.885	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8429	8.821	ug/L	87
69) 1,3,5-Trichlorobenzene	13.217	180	60671	5.451	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	53616	5.405	ug/L	100
71) Naphthalene	14.086	128	123840	6.979	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	53263	5.856	ug/L	99

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

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