Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110520\
Data File : VU041116.D
Acq On : 05 Nov 2020 19:45
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Nov 06 01:53:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 06 01:44:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	55800	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29580	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	20839	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.92	69	17465	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.58	63	43641	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	4.65	46	79884	52.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.92%			
24) Chloroform-d	5.08	84	45580	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.60%			
26) 1,2-Dichloroethane-d4	5.72	65	27197	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.40%			
32) Benzene-d6	5.74	84	84062	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.60%			
36) 1,2-Dichloropropane-d6	6.70	67	28015	5.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.20%			
41) Toluene-d8	7.91	98	78973	5.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.80%			
43) trans-1,3-Dichloropropene-	8.19	79	11330	5.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.60%			
46) 2-Hexanone-d5	8.64	63	60123	53.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.04%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25070	5.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	29179	5.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	23714	4.764	ug/L	98
3) Chloromethane	1.53	50	25094	4.835	ug/L	100
5) Vinyl chloride	1.61	62	24988	4.880	ug/L	98
6) Bromomethane	1.86	94	13697	4.666	ug/L	94
8) Chloroethane	1.94	64	15354	4.733	ug/L	99
9) Trichlorofluoromethane	2.15	101	36206	5.202	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	20912	5.127	ug/L	96
12) 1,1-Dichloroethene	2.59	96	18457	4.792	ug/L	93
13) Acetone	2.66	43	56087	54.385	ug/L #	55
14) Carbon disulfide	2.81	76	57431	4.462	ug/L	99
15) Methyl Acetate	2.97	43	11827	5.012	ug/L	94
16) Methylene chloride	3.06	84	23256	5.182	ug/L	91
17) Methyl tert-butyl Ether	3.38	73	49414	4.985	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	19613	5.011	ug/L	92
19) 1,1-Dichloroethane	3.89	63	41228	5.269	ug/L	99
21) 2-Butanone	4.73	43	79808	49.514	ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	22379	5.543	ug/L	100

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	10691	5.613 ug/L	94
25) Chloroform	5.11	83	44648	5.690 ug/L	96
27) 1,2-Dichloroethane	5.81	62	30795	5.269 ug/L #	93
29) 1,1,1-Trichloroethane	5.33	97	36187	5.303 ug/L	97
30) Cyclohexane	5.40	56	30240	4.497 ug/L	99
31) Carbon tetrachloride	5.54	117	31782	5.259 ug/L	100
33) Benzene	5.79	78	86641	5.196 ug/L	100
34) Trichloroethene	6.56	95	22870	5.390 ug/L	97
35) Methylcyclohexane	6.77	83	28806	4.551 ug/L	98
37) 1,2-Dichloropropane	6.80	63	24003	5.320 ug/L #	97
38) Bromodichloromethane	7.11	83	31318	5.352 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	31832	5.125 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	187137	52.024 ug/L	98
42) Toluene	7.98	91	90988	5.382 ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	30352	5.221 ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	17540	5.223 ug/L	97
47) Tetrachloroethene	8.56	164	17128	5.490 ug/L	98
48) 2-Hexanone	8.69	43	141625	52.289 ug/L	98
49) Dibromochloromethane	8.81	129	21694	5.562 ug/L	96
50) 1,2-Dibromoethane	8.93	107	16635	5.198 ug/L	100
51) Chlorobenzene	9.45	112	57899	5.401 ug/L	96
52) Ethylbenzene	9.57	91	91988	5.169 ug/L	100
53) m,p-Xylene	9.69	106	35054	5.401 ug/L	94
54) o-Xylene	10.10	106	33790	5.590 ug/L	97
55) Styrene	10.11	104	58831	5.463 ug/L	99
56) Isopropylbenzene	10.48	105	89206	5.488 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	22296	5.055 ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	17878	5.317 ug/L	98
61) Bromoform	10.29	173	12179	5.343 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	46855	5.488 ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	47083	5.324 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	44968	5.337 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4076	4.936 ug/L	88
67) 1,3,5-Trichlorobenzene	13.21	180	31846	5.333 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	26667	5.391 ug/L	98
69) Naphthalene	14.08	128	41114	4.648 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	24773	5.433 ug/L	98

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

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