Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110320\
Data File : VU041090.D
Acq On : 03 Nov 2020 20:04
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Nov 04 01:02:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 04 00:51:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51690	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51997	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27035	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	17533	4.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.80%			
7) Chloroethane-d5	1.92	69	13611	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.60%			
11) 1,1-Dichloroethene-d2	2.58	63	34773	4.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.60%			
20) 2-Butanone-d5	4.65	46	82699	57.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.66%			
24) Chloroform-d	5.08	84	35400	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.72	65	23461	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.75	84	64281	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.70	67	22390	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.91	98	57377	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
43) trans-1,3-Dichloropropene-	8.19	79	9775	4.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.60%			
46) 2-Hexanone-d5	8.64	63	60273	57.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.08%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21499	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	21362	4.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	22525	4.773	ug/L	99
3) Chloromethane	1.53	50	23132	4.701	ug/L	98
5) Vinyl chloride	1.61	62	23219	4.783	ug/L	99
6) Bromomethane	1.87	94	12649	4.546	ug/L	98
8) Chloroethane	1.94	64	13931	4.529	ug/L	96
9) Trichlorofluoromethane	2.15	101	32420	4.913	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	19426	5.023	ug/L	98
12) 1,1-Dichloroethene	2.59	96	16972	4.648	ug/L	94
13) Acetone	2.66	43	49961	51.101	ug/L #	59
14) Carbon disulfide	2.81	76	53524	4.387	ug/L	97
15) Methyl Acetate	2.97	43	12429	5.556	ug/L	91
16) Methylene chloride	3.06	84	20720	4.870	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	46970	4.998	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	17484	4.712	ug/L	97
19) 1,1-Dichloroethane	3.89	63	37921	5.112	ug/L	96
21) 2-Butanone	4.73	43	83299	54.513	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	19383	5.064	ug/L	98

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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	9519	5.272 ug/L	94
25) Chloroform	5.11	83	40507	5.445 ug/L	100
27) 1,2-Dichloroethane	5.81	62	28964	5.227 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	31836	5.006 ug/L	98
30) Cyclohexane	5.40	56	30019	4.791 ug/L	98
31) Carbon tetrachloride	5.54	117	27974	4.968 ug/L	100
33) Benzene	5.79	78	77708	5.002 ug/L	100
34) Trichloroethene	6.56	95	20644	5.221 ug/L	96
35) Methylcyclohexane	6.77	83	28242	4.789 ug/L	98
37) 1,2-Dichloropropane	6.80	63	22716	5.403 ug/L #	96
38) Bromodichloromethane	7.11	83	27875	5.112 ug/L	95
39) cis-1,3-Dichloropropene	7.61	75	29650	5.122 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	192554	57.445 ug/L	97
42) Toluene	7.98	91	82068	5.209 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	28254	5.216 ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	16481	5.266 ug/L	93
47) Tetrachloroethene	8.56	164	14420	4.960 ug/L	98
48) 2-Hexanone	8.69	43	146173	57.915 ug/L	98
49) Dibromochloromethane	8.82	129	19049	5.241 ug/L	98
50) 1,2-Dibromoethane	8.93	107	15812	5.302 ug/L	97
51) Chlorobenzene	9.45	112	50050	5.010 ug/L	100
52) Ethylbenzene	9.57	91	83586	5.040 ug/L	98
53) m,p-Xylene	9.69	106	30918	5.112 ug/L	98
54) o-Xylene	10.10	106	29951	5.317 ug/L	100
55) Styrene	10.11	104	52926	5.274 ug/L	100
56) Isopropylbenzene	10.48	105	80503	5.315 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	21848	5.316 ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	16990	5.423 ug/L	97
61) Bromoform	10.29	173	10965	5.263 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	40140	5.144 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	41615	5.149 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	38669	5.021 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	3833	5.078 ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	27885	5.109 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	22283	4.928 ug/L	99
69) Naphthalene	14.08	128	37998	4.700 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	21367	5.127 ug/L	97

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

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