Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101320\
Data File : VU040673.D
Acq On : 13 Oct 2020 10:47
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Oct 14 05:58:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 13 16:07:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129830	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67410	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	46458	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.40%			
7) Chloroethane-d5	1.92	69	39554	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.58	63	97677	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.80%			
20) 2-Butanone-d5	4.66	46	193176	56.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.22%			
24) Chloroform-d	5.08	84	99294	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	5.72	65	58560	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.74	84	177794	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.70	67	60191	5.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.40%			
41) Toluene-d8	7.90	98	159246	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
43) trans-1,3-Dichloropropene-	8.19	79	25661	5.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.00%			
46) 2-Hexanone-d5	8.64	63	142079	56.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.90%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56592	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	61977	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	61216	5.204	ug/L	99
3) Chloromethane	1.53	50	52517	4.774	ug/L	96
5) Vinyl chloride	1.61	62	55633	4.802	ug/L	99
6) Bromomethane	1.87	94	28143	4.474	ug/L	95
8) Chloroethane	1.94	64	35899	4.867	ug/L	95
9) Trichlorofluoromethane	2.15	101	84490	5.079	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	55698	5.157	ug/L	98
12) 1,1-Dichloroethene	2.59	96	47067	5.081	ug/L	95
13) Acetone	2.67	43	136534	51.166	ug/L	96
14) Carbon disulfide	2.81	76	117641	4.537	ug/L	98
15) Methyl Acetate	2.97	43	31229	5.125	ug/L	100
16) Methylene chloride	3.06	84	56577	4.757	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	132842	5.071	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	46895	4.836	ug/L	99
19) 1,1-Dichloroethane	3.89	63	103705	5.171	ug/L	99
21) 2-Butanone	4.74	43	218880	52.612	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	54225	5.185	ug/L	95

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	26540	5.108 ug/L	92
25) Chloroform	5.11	83	110830	5.413 ug/L	97
27) 1,2-Dichloroethane	5.81	62	74283	5.126 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	92053	5.367 ug/L	99
30) Cyclohexane	5.40	56	77130	4.880 ug/L	99
31) Carbon tetrachloride	5.54	117	77383	5.272 ug/L	98
33) Benzene	5.79	78	213203	5.199 ug/L	100
34) Trichloroethene	6.55	95	54882	5.163 ug/L	98
35) Methylcyclohexane	6.77	83	73061	4.847 ug/L	99
37) 1,2-Dichloropropane	6.80	63	61450	5.378 ug/L	99
38) Bromodichloromethane	7.11	83	78328	5.363 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	81407	5.215 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	490544	53.854 ug/L	99
42) Toluene	7.98	91	228889	5.478 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	75922	5.283 ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	44856	5.242 ug/L	98
47) Tetrachloroethene	8.56	164	40609	5.355 ug/L	97
48) 2-Hexanone	8.69	43	374304	55.193 ug/L	100
49) Dibromochloromethane	8.82	129	54589	5.544 ug/L	97
50) 1,2-Dibromoethane	8.93	107	42033	5.178 ug/L	98
51) Chlorobenzene	9.45	112	146706	5.330 ug/L	97
52) Ethylbenzene	9.57	91	236303	5.226 ug/L	98
53) m,p-Xylene	9.70	106	91689	5.563 ug/L	99
54) o-Xylene	10.10	106	85174	5.373 ug/L	99
55) Styrene	10.11	104	158557	5.760 ug/L	99
56) Isopropylbenzene	10.48	105	235152	5.511 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	60519	5.387 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	43674	5.204 ug/L	99
61) Bromoform	10.29	173	29662	5.133 ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	118674	5.379 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	120077	5.278 ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	114541	5.310 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9381	4.967 ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	80586	5.148 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	64278	5.314 ug/L	96
69) Naphthalene	14.08	128	99364	5.022 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	60698	5.404 ug/L	99

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

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