Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120320\
Data File : VU041458.D
Acq On : 03 Dec 2020 18:42
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV06

Quant Time: Dec 04 03:13:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 04 03:11:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59002	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	55589	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32454	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	16654	5.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.80%			
7) Chloroethane-d5	1.92	69	14491	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%			
11) 1,1-Dichloroethene-d2	2.58	63	40656	5.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.00%			
20) 2-Butanone-d5	4.66	46	61513	57.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.38%			
24) Chloroform-d	5.08	84	44255	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
26) 1,2-Dichloroethane-d4	5.72	65	30078	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.00%			
32) Benzene-d6	5.74	84	68730	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.80%			
36) 1,2-Dichloropropane-d6	6.70	67	19831	5.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.40%			
41) Toluene-d8	7.90	98	68864	5.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.20%			
43) trans-1,3-Dichloropropene-	8.19	79	12276	5.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 118.20%			
46) 2-Hexanone-d5	8.64	63	49217	61.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.70%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22053	5.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	30232	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	31657	5.183	ug/L	99
3) Chloromethane	1.53	50	19595	5.061	ug/L	94
5) Vinyl chloride	1.61	62	22375	5.188	ug/L	100
6) Bromomethane	1.87	94	15765	5.356	ug/L	96
8) Chloroethane	1.94	64	14153	4.820	ug/L	94
9) Trichlorofluoromethane	2.15	101	51382	5.328	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	21342	5.288	ug/L	100
12) 1,1-Dichloroethene	2.59	96	18468	5.247	ug/L	97
13) Acetone	2.66	43	49097	56.376	ug/L	98
14) Carbon disulfide	2.81	76	50471	5.172	ug/L	100
15) Methyl Acetate	2.97	43	9863	5.509	ug/L	97
16) Methylene chloride	3.06	84	21937	4.292	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	58502	5.301	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	18829	5.139	ug/L	97
19) 1,1-Dichloroethane	3.89	63	38061	5.359	ug/L	96
21) 2-Butanone	4.73	43	62151	53.555	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	21050	5.176	ug/L	92

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Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV06

Quant Time: Dec 04 03:13:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 04 03:11:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	11495	5.617 ug/L	93
25) Chloroform	5.11	83	46153	5.221 ug/L	97
27) 1,2-Dichloroethane	5.81	62	35879	5.355 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	45073	5.437 ug/L	100
30) Cyclohexane	5.41	56	27893	5.627 ug/L	99
31) Carbon tetrachloride	5.54	117	41642	5.531 ug/L	98
33) Benzene	5.79	78	80753	5.561 ug/L	100
34) Trichloroethene	6.55	95	22971	5.365 ug/L	99
35) Methylcyclohexane	6.77	83	31420	5.606 ug/L	99
37) 1,2-Dichloropropane	6.80	63	20369	5.528 ug/L	99
38) Bromodichloromethane	7.11	83	34657	5.560 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	34167	5.765 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	165313	62.706 ug/L	99
42) Toluene	7.98	91	93349	5.824 ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	34965	5.719 ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	17536	5.659 ug/L	95
47) Tetrachloroethene	8.56	164	18265	5.772 ug/L	97
48) 2-Hexanone	8.69	43	127497	63.621 ug/L	98
49) Dibromochloromethane	8.81	129	24203	5.560 ug/L	100
50) 1,2-Dibromoethane	8.93	107	17576	5.735 ug/L	98
51) Chlorobenzene	9.45	112	61432	5.679 ug/L	98
52) Ethylbenzene	9.57	91	102751	5.530 ug/L	99
53) m,p-Xylene	9.69	106	38428	5.643 ug/L	97
54) o-Xylene	10.10	106	37221	5.834 ug/L	92
55) Styrene	10.11	104	65827	5.696 ug/L	99
56) Isopropylbenzene	10.48	105	105244	5.697 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	22676	5.825 ug/L	93
59) 1,2,3-Trichloropropane	10.82	75	18424	5.686 ug/L	97
61) Bromoform	10.29	173	14981	5.198 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	52947	5.316 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	52602	5.241 ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	51423	5.309 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4915	5.263 ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	42761	5.586 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	36575	5.880 ug/L	100
69) Naphthalene	14.08	128	56457	5.564 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	32319	5.614 ug/L	96

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

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