Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031120\
Data File : VU037158.D
Acq On : 10 Mar 2020 18:21
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV04

Quant Time: Mar 11 09:10:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 11 08:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	131467	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	129901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	63284	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	42685	4.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.80%			
7) Chloroethane-d5	1.93	69	31064	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	2.59	63	90331	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%			
20) 2-Butanone-d5	4.69	46	108653	49.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.40%			
24) Chloroform-d	5.11	84	89978	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.74	65	49327	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.76	84	158688	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.73	67	50532	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.92	98	151484	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	8.20	79	21672	5.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.00%			
46) 2-Hexanone-d5	8.66	63	91339	52.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.26%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41711	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	55329	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	82761	4.889	ug/L	99
3) Chloromethane	1.53	50	68157	4.719	ug/L	99
5) Vinyl chloride	1.61	62	62713	4.848	ug/L	94
6) Bromomethane	1.87	94	28870	5.939	ug/L	99
8) Chloroethane	1.95	64	32557	4.911	ug/L	96
9) Trichlorofluoromethane	2.15	101	89383	4.869	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	49260	5.192	ug/L	97
12) 1,1-Dichloroethene	2.60	96	43224	5.037	ug/L	93
13) Acetone	2.68	43	87989	48.626	ug/L	100
14) Carbon disulfide	2.82	76	141693	4.977	ug/L	100
15) Methyl Acetate	2.99	43	20189	4.768	ug/L	97
16) Methylene chloride	3.08	84	49471	4.801	ug/L	98
17) Methyl tert-butyl Ether	3.41	73	116671	5.061	ug/L	100
18) trans-1,2-Dichloroethene	3.38	96	47753	5.263	ug/L	97
19) 1,1-Dichloroethane	3.91	63	92773	5.051	ug/L	96
21) 2-Butanone	4.77	43	143466	50.366	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	50597	5.067	ug/L	94

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Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV04

Quant Time: Mar 11 09:10:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 11 08:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.02	128	22974	5.249	ug/L		93
25) Chloroform	5.13	83	100388	5.010	ug/L		100
27) 1,2-Dichloroethane	5.83	62	69254	4.959	ug/L		98
29) 1,1,1-Trichloroethane	5.35	97	85002	5.109	ug/L		99
30) Cyclohexane	5.42	56	83311	5.177	ug/L		98
31) Carbon tetrachloride	5.56	117	75391	5.231	ug/L		98
33) Benzene	5.81	78	202928	5.283	ug/L		100
34) Trichloroethene	6.57	95	53965	5.203	ug/L		95
35) Methylcyclohexane	6.79	83	82588	5.151	ug/L		99
37) 1,2-Dichloropropane	6.82	63	53547	5.298	ug/L		99
38) Bromodichloromethane	7.14	83	71201	5.310	ug/L		99
39) cis-1,3-Dichloropropene	7.64	75	75186	5.182	ug/L		96
40) 4-Methyl-2-pentanone	7.83	43	376156	52.596	ug/L		100
42) Toluene	8.00	91	216716	5.256	ug/L		99
44) trans-1,3-Dichloropropene	8.24	75	63256	5.227	ug/L		98
45) 1,1,2-Trichloroethane	8.43	97	37387	5.127	ug/L		98
47) Tetrachloroethene	8.57	164	39338	4.877	ug/L		98
48) 2-Hexanone	8.71	43	272623	54.675	ug/L		99
49) Dibromochloromethane	8.83	129	46745	5.323	ug/L		98
50) 1,2-Dibromoethane	8.95	107	36363	5.259	ug/L	#	94
51) Chlorobenzene	9.47	112	132831	5.004	ug/L		99
52) Ethylbenzene	9.59	91	242110	5.310	ug/L		99
53) m,p-Xylene	9.71	106	88916	5.425	ug/L		95
54) o-Xylene	10.12	106	87188	5.456	ug/L		95
55) Styrene	10.13	104	145197	5.540	ug/L		96
56) Isopropylbenzene	10.50	105	232059	5.411	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.80	83	48101	5.342	ug/L		96
59) 1,2,3-Trichloropropane	10.84	75	35142	4.859	ug/L		95
61) Bromoform	10.31	173	23670	4.902	ug/L		98
62) 1,3-Dichlorobenzene	11.76	146	104687	5.048	ug/L		98
63) 1,4-Dichlorobenzene	11.85	146	102695	4.986	ug/L		97
65) 1,2-Dichlorobenzene	12.23	146	99739	5.073	ug/L		98
66) 1,2-Dibromo-3-chloropropan	13.02	75	7605	5.038	ug/L		97
67) 1,3,5-Trichlorobenzene	13.24	180	73236	5.159	ug/L		98
68) 1,2,4-trichlorobenzene	13.87	180	51452	5.345	ug/L		100
69) Naphthalene	14.12	128	76785	5.584	ug/L		99
70) 1,2,3-Trichlorobenzene	14.36	180	51090	5.656	ug/L		99

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

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