Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039591.D
Acq On : 21 Jul 2020 11:40
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV05

Quant Time: Jul 22 01:55:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 01:54:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124391	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118273	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57829	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	28788	4.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.80%			
7) Chloroethane-d5	1.92	69	30882	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.58	63	65547	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.00%			
20) 2-Butanone-d5	4.65	46	130930	50.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.54%			
24) Chloroform-d	5.08	84	76819	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
26) 1,2-Dichloroethane-d4	5.72	65	46968	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.74	84	142640	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.70	67	45887	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.91	98	134904	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
43) trans-1,3-Dichloropropene-	8.19	79	20599	5.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.20%			
46) 2-Hexanone-d5	8.64	63	98215	49.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.74%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42437	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	54526	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	33160	5.450	ug/L	94
3) Chloromethane	1.53	50	35597	5.388	ug/L	98
5) Vinyl chloride	1.61	62	37873	5.343	ug/L	98
6) Bromomethane	1.87	94	24752	5.417	ug/L	93
8) Chloroethane	1.94	64	28864	4.926	ug/L	96
9) Trichlorofluoromethane	2.15	101	72477	4.841	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	32879	5.088	ug/L	95
12) 1,1-Dichloroethene	2.59	96	30109	5.118	ug/L	98
13) Acetone	2.66	43	68967	47.586	ug/L	99
14) Carbon disulfide	2.81	76	93005	5.255	ug/L	100
15) Methyl Acetate	2.97	43	17505	4.944	ug/L	99
16) Methylene chloride	3.06	84	37412	4.402	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	95646	5.116	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	34729	5.317	ug/L	94
19) 1,1-Dichloroethane	3.89	63	69094	5.158	ug/L	100
21) 2-Butanone	4.73	43	126848	50.525	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	38940	5.118	ug/L	96

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Acq On : 21 Jul 2020 11:40
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV05

Quant Time: Jul 22 01:55:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
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	18961	5.366 ug/L	96
25) Chloroform	5.11	83	75899	4.969 ug/L	95
27) 1,2-Dichloroethane	5.81	62	54215	5.219 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	66887	5.352 ug/L	97
30) Cyclohexane	5.40	56	60467	5.494 ug/L	98
31) Carbon tetrachloride	5.54	117	57639	5.391 ug/L	99
33) Benzene	5.79	78	151424	5.328 ug/L	100
34) Trichloroethene	6.55	95	41087	5.250 ug/L	97
35) Methylcyclohexane	6.77	83	60110	5.228 ug/L	97
37) 1,2-Dichloropropane	6.80	63	40706	5.146 ug/L	100
38) Bromodichloromethane	7.12	83	56280	5.407 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	60830	5.354 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	316208	51.212 ug/L	99
42) Toluene	7.98	91	165722	5.326 ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	53087	5.116 ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	31580	5.259 ug/L	96
47) Tetrachloroethene	8.56	164	29689	5.546 ug/L	98
48) 2-Hexanone	8.69	43	230740	50.487 ug/L	100
49) Dibromochloromethane	8.82	129	38526	5.277 ug/L	95
50) 1,2-Dibromoethane	8.93	107	30402	5.167 ug/L	97
51) Chlorobenzene	9.45	112	107684	5.408 ug/L	97
52) Ethylbenzene	9.57	91	187271	5.291 ug/L	99
53) m,p-Xylene	9.70	106	69955	5.297 ug/L	95
54) o-Xylene	10.10	106	67024	5.197 ug/L	98
55) Styrene	10.11	104	115225	5.320 ug/L	100
56) Isopropylbenzene	10.48	105	187186	5.317 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	40879	5.265 ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	29796	5.135 ug/L	99
61) Bromoform	10.29	173	21930	5.355 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	86474	5.503 ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	84692	5.354 ug/L	95
65) 1,2-Dichlorobenzene	12.21	146	82844	5.459 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	7280	6.274 ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	64986	5.746 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	55567	5.983 ug/L	97
69) Naphthalene	14.08	128	101401	6.447 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	49048	5.944 ug/L	99

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

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

Instrument :
MSVOA_U
ClientSampleId :
VICV05

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