Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053020\
Data File : VV016359.D
Acq On : 30 May 2020 14:50
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV32

Quant Time: Jun 01 05:11:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	83626	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	82152	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	39884	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34411	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.58	69	25277	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.13	63	60905	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	3.93	46	77337	48.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.92%			
24) Chloroform-d	4.38	84	59708	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.06	65	31340	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.08	84	112689	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.10	67	34080	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.34	98	103127	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
45) trans-1,3-Dichloropropene-	7.64	79	12622	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%			
48) 2-Hexanone-d5	8.11	63	60974	50.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.82%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24570	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	35753	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	34621	5.079	ug/L	100
3) Chloromethane	1.25	50	39320	4.710	ug/L	99
5) Vinyl chloride	1.32	62	36898	4.946	ug/L	99
6) Bromomethane	1.53	94	21431	5.114	ug/L	97
8) Chloroethane	1.60	64	22140	4.926	ug/L	94
9) Trichlorofluoromethane	1.77	101	51099	5.058	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	28233	4.985	ug/L	98
12) 1,1-Dichloroethene	2.14	96	26318	4.890	ug/L	99
13) Acetone	2.21	43	47587	44.786	ug/L	98
14) Carbon disulfide	2.31	76	81890	5.003	ug/L	98
15) Methyl Acetate	2.46	43	12400	4.650	ug/L	91
16) Methylene chloride	2.53	84	27891	4.844	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	62987	4.997	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	27982	4.898	ug/L	97
19) 1,1-Dichloroethane	3.21	63	56917	5.051	ug/L	100
21) 2-Butanone	4.02	43	80139	51.147	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	32500	5.154	ug/L	96

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Acq On : 30 May 2020 14:50
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV32

Quant Time: Jun 01 05:11:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	13254	5.386 ug/L	92
25) Chloroform	4.41	83	57082	5.054 ug/L	99
27) 1,2-Dichloroethane	5.16	62	37163	4.989 ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	49265	5.087 ug/L	100
30) Cyclohexane	4.70	56	53522	5.134 ug/L	96
31) Carbon tetrachloride	4.86	117	42124	5.052 ug/L	99
33) Benzene	5.13	78	123831	5.090 ug/L	100
34) Trichloroethene	5.94	95	32129	5.038 ug/L	97
35) Methylcyclohexane	6.16	83	53154	5.174 ug/L	98
37) 1,2-Dichloropropane	6.20	63	30937	5.030 ug/L	100
38) Bromodichloromethane	6.54	83	36699	4.962 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	43133	5.309 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	194446	52.351 ug/L	100
42) Toluene	7.41	91	133812	5.176 ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	122409	5.338 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	126516	5.415 ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	35006	5.216 ug/L	96
47) 1,1,2-Trichloroethane	7.86	97	20097	5.109 ug/L	96
49) Tetrachloroethene	8.00	164	23535	5.032 ug/L	97
50) 2-Hexanone	8.16	43	141899	54.773 ug/L	99
51) Dibromochloromethane	8.27	129	21294	5.177 ug/L	96
52) 1,2-Dibromoethane	8.38	107	19077	5.131 ug/L	100
53) Chlorobenzene	8.90	112	82247	5.068 ug/L	99
54) Ethylbenzene	9.04	91	149059	5.227 ug/L	99
55) m,p-xylene	9.16	106	55567	5.206 ug/L	98
56) o-xylene	9.57	106	53854	5.357 ug/L	95
57) Styrene	9.58	104	92312	5.378 ug/L	97
58) Isopropylbenzene	9.95	105	145071	5.296 ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.26	83	24957	5.030 ug/L	97
62) Bromoform	9.76	173	8572	5.089 ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	65180	5.305 ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	65389	5.148 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	60002	5.247 ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	3864	5.184 ug/L	93
68) 1,3,5-Trichlorobenzene	12.67	180	46355	5.240 ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	39501	5.201 ug/L	97
70) Naphthalene	13.53	128	82157	4.517 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	37735	5.569 ug/L	99

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

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