Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060120\
Data File : VV016421.D
Acq On : 01 Jun 2020 19:21
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 02 04:33:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88529	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	82742	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	39258	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	28552	3.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.60%			
7) Chloroethane-d5	1.58	69	22544	3.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.60%			
11) 1,1-Dichloroethene-d2	2.12	63	55362	4.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.60%			
20) 2-Butanone-d5	3.97	46	76011	45.45	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.90%			
24) Chloroform-d	4.37	84	57684	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
26) 1,2-Dichloroethane-d4	5.06	65	31922	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.07	84	113133	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.09	67	34746	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.33	98	104602	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
45) trans-1,3-Dichloropropene-	7.64	79	11684	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
48) 2-Hexanone-d5	8.11	63	66316	54.43	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.86%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25646	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	33727	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	33828	4.688	ug/L	100
3) Chloromethane	1.25	50	35641	4.033	ug/L	99
5) Vinyl chloride	1.32	62	33998	4.305	ug/L	98
6) Bromomethane	1.53	94	12703	2.863	ug/L	99
8) Chloroethane	1.59	64	20053	4.214	ug/L	96
9) Trichlorofluoromethane	1.76	101	50945	4.763	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	26930	4.491	ug/L	98
12) 1,1-Dichloroethene	2.13	96	24809	4.354	ug/L	90
13) Acetone	2.26	43	35898m	31.914	ug/L	
14) Carbon disulfide	2.30	76	70367	4.061	ug/L	97
15) Methyl Acetate	2.46	43	11796	4.179	ug/L #	85
16) Methylene chloride	2.52	84	26374	4.327	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	65351	4.897	ug/L	98
18) trans-1,2-Dichloroethene	2.77	96	26935	4.454	ug/L	97
19) 1,1-Dichloroethane	3.21	63	51558	4.322	ug/L	97
21) 2-Butanone	4.05	43	83967	50.622	ug/L #	75
22) cis-1,2-Dichloroethene	3.93	96	31860	4.773	ug/L	93

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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 02 04:33:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 02 01:13:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	13683	5.253 ug/L	89
25) Chloroform	4.40	83	62779	5.251 ug/L	96
27) 1,2-Dichloroethane	5.16	62	38502	4.883 ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	52561	5.388 ug/L	97
30) Cyclohexane	4.69	56	53338	5.079 ug/L	98
31) Carbon tetrachloride	4.85	117	41892	4.989 ug/L	97
33) Benzene	5.12	78	128319	5.237 ug/L	100
34) Trichloroethene	5.93	95	32824	5.110 ug/L	91
35) Methylcyclohexane	6.15	83	50538	4.885 ug/L	99
37) 1,2-Dichloropropane	6.20	63	31690	5.116 ug/L	99
38) Bromodichloromethane	6.53	83	37088	4.979 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	40371	4.934 ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	209134	55.904 ug/L	99
42) Toluene	7.41	91	134579	5.168 ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	116700	5.052 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	119051	5.059 ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	33359	4.935 ug/L	95
47) 1,1,2-Trichloroethane	7.86	97	21311	5.379 ug/L	96
49) Tetrachloroethene	7.99	164	23001	4.882 ug/L	97
50) 2-Hexanone	8.17	43	147607	56.570 ug/L	100
51) Dibromochloromethane	8.27	129	19124	4.617 ug/L	96
52) 1,2-Dibromoethane	8.37	107	20053	5.355 ug/L	98
53) Chlorobenzene	8.90	112	83200	5.090 ug/L	99
54) Ethylbenzene	9.03	91	148936	5.185 ug/L	98
55) m,p-xylene	9.16	106	55290	5.143 ug/L	98
56) o-xylene	9.56	106	52584	5.194 ug/L	97
57) Styrene	9.58	104	92230	5.335 ug/L	96
58) Isopropylbenzene	9.95	105	142613	5.169 ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	26015	5.205 ug/L	98
62) Bromoform	9.75	173	6233	3.759 ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	62597	5.176 ug/L	97
64) 1,4-Dichlorobenzene	11.29	146	64648	5.171 ug/L	96
66) 1,2-Dichlorobenzene	11.66	146	56592	5.028 ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	3245	4.423 ug/L	96
68) 1,3,5-Trichlorobenzene	12.67	180	39026	4.482 ug/L	100
69) 1,2,4-trichlorobenzene	13.28	180	27755	3.713 ug/L	99
70) Naphthalene	13.52	128	41410	2.313 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	19881	2.981 ug/L	99

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

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