Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052620\
Data File : VV016196.D
Acq On : 26 May 2020 17:02
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 27 03:52:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 03:06:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	104612	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	100851	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	49215	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	30543	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.58	69	26806	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.12	63	57617	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.40%			
20) 2-Butanone-d5	3.96	46	83202	49.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.84%			
24) Chloroform-d	4.38	84	64608	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.06	65	32951	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.07	84	121484	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.10	67	37697	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.34	98	118095	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
45) trans-1,3-Dichloropropene-	7.64	79	14824	5.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.00%			
48) 2-Hexanone-d5	8.12	63	66830	50.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.16%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27117	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	40196	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	47120	5.117	ug/L	98
3) Chloromethane	1.25	50	47538	4.722	ug/L	98
5) Vinyl chloride	1.32	62	44261	4.831	ug/L	99
6) Bromomethane	1.53	94	26822	5.204	ug/L	93
8) Chloroethane	1.60	64	25632	5.007	ug/L	98
9) Trichlorofluoromethane	1.76	101	57031	4.815	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	30147	4.670	ug/L	99
12) 1,1-Dichloroethene	2.13	96	28169	4.565	ug/L	96
13) Acetone	2.24	43	44619m	43.252	ug/L	
14) Carbon disulfide	2.31	76	88553	4.630	ug/L	99
15) Methyl Acetate	2.47	43	12657	4.801	ug/L	99
16) Methylene chloride	2.52	84	29664	4.193	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	71195	4.686	ug/L	97
18) trans-1,2-Dichloroethene	2.77	96	30272	4.483	ug/L	95
19) 1,1-Dichloroethane	3.21	63	57821	4.508	ug/L	99
21) 2-Butanone	4.04	43	93452	50.924	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	37349	4.677	ug/L	89

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Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 27 03:52:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 03:06:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	14792	4.880 ug/L	92
25) Chloroform	4.40	83	65954	4.859 ug/L	100
27) 1,2-Dichloroethane	5.16	62	43671	4.921 ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	58363	4.876 ug/L	100
30) Cyclohexane	4.70	56	64436	5.023 ug/L	98
31) Carbon tetrachloride	4.85	117	50006	4.930 ug/L	99
33) Benzene	5.12	78	143263	4.936 ug/L	100
34) Trichloroethene	5.94	95	36967	4.889 ug/L	99
35) Methylcyclohexane	6.15	83	64024	5.021 ug/L	99
37) 1,2-Dichloropropane	6.20	63	35619	5.004 ug/L	99
38) Bromodichloromethane	6.53	83	43529	4.970 ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	51343	5.093 ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	226659	51.182 ug/L	100
42) Toluene	7.41	91	157907	4.989 ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	148481	5.153 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	115332	3.886 ug/L	99
46) trans-1,3-Dichloropropene	7.68	75	43865	5.237 ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	23637	5.049 ug/L	98
49) Tetrachloroethene	8.00	164	27136	4.999 ug/L	97
50) 2-Hexanone	8.17	43	164639	53.309 ug/L	100
51) Dibromochloromethane	8.27	129	25534	5.149 ug/L	97
52) 1,2-Dibromoethane	8.38	107	22307	5.071 ug/L	92
53) Chlorobenzene	8.90	112	97209	4.971 ug/L	99
54) Ethylbenzene	9.03	91	174103	4.935 ug/L	99
55) m,p-xylene	9.16	106	67119	5.074 ug/L	99
56) o-xylene	9.57	106	64400	5.109 ug/L	97
57) Styrene	9.58	104	108067	5.151 ug/L	100
58) Isopropylbenzene	9.95	105	173575	5.027 ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	29385	5.049 ug/L	98
62) Bromoform	9.76	173	11806	5.578 ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	77300	5.147 ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	76517	5.013 ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	69250	5.101 ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	5008	5.461 ug/L	99
68) 1,3,5-Trichlorobenzene	12.67	180	57206	5.382 ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	48207	5.165 ug/L	97
70) Naphthalene	13.53	128	98363	4.824 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	43578	5.177 ug/L	98

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

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