Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016327.D
Acq On : 29 May 2020 21:20
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Quant Time: May 30 00:06:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99194	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	93223	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	44375	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28891	4.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.60%			
7) Chloroethane-d5	1.58	69	22578	4.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.60%			
11) 1,1-Dichloroethene-d2	2.12	63	55188	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.20%			
20) 2-Butanone-d5	3.96	46	84549	53.50	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.00%			
24) Chloroform-d	4.37	84	59995	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.06	65	32200	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.07	84	113985	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.09	67	35716	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.33	98	108997	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
45) trans-1,3-Dichloropropene-	7.64	79	12969	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
48) 2-Hexanone-d5	8.12	63	68837	56.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.72%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26708	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	37105	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	42663	4.886	ug/L	98
3) Chloromethane	1.25	50	45784	4.796	ug/L	100
5) Vinyl chloride	1.32	62	41887	4.822	ug/L	99
6) Bromomethane	1.53	94	21044	4.306	ug/L	99
8) Chloroethane	1.60	64	24574	5.063	ug/L	98
9) Trichlorofluoromethane	1.77	101	55947	4.981	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	29179	4.767	ug/L	100
12) 1,1-Dichloroethene	2.13	96	27535	4.706	ug/L	94
13) Acetone	2.25	43	48168	49.242	ug/L	85
14) Carbon disulfide	2.31	76	79802	4.400	ug/L	99
15) Methyl Acetate	2.46	43	13719	5.488	ug/L	94
16) Methylene chloride	2.52	84	30572	4.558	ug/L	96
17) Methyl tert-butyl Ether	2.79	73	75084	5.212	ug/L	97
18) trans-1,2-Dichloroethene	2.77	96	30528	4.768	ug/L	95
19) 1,1-Dichloroethane	3.21	63	58109	4.778	ug/L	98
21) 2-Butanone	4.05	43	96009	55.175	ug/L	91
22) cis-1,2-Dichloroethene	3.93	96	36542	4.826	ug/L	96

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Quant Time: May 30 00:06:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	14600	5.079 ug/L	86
25) Chloroform	4.40	83	65981	5.126 ug/L	100
27) 1,2-Dichloroethane	5.16	62	44775	5.321 ug/L #	96
29) 1,1,1-Trichloroethane	4.63	97	56650	5.120 ug/L	99
30) Cyclohexane	4.69	56	60671	5.117 ug/L	98
31) Carbon tetrachloride	4.85	117	46230	4.931 ug/L	96
33) Benzene	5.12	78	140648	5.243 ug/L	100
34) Trichloroethene	5.94	95	36909	5.281 ug/L	98
35) Methylcyclohexane	6.15	83	58163	4.935 ug/L	99
37) 1,2-Dichloropropane	6.20	63	34511	5.245 ug/L	99
38) Bromodichloromethane	6.53	83	42993	5.310 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	46260	4.964 ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	238463	58.253 ug/L	99
42) Toluene	7.41	91	153121	5.234 ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	140807	5.287 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	144152	5.255 ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	39834	5.145 ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	23883	5.519 ug/L	97
49) Tetrachloroethene	7.99	164	25104	5.003 ug/L	96
50) 2-Hexanone	8.17	43	169349	59.321 ug/L	99
51) Dibromochloromethane	8.27	129	24833	5.418 ug/L	98
52) 1,2-Dibromoethane	8.38	107	22297	5.484 ug/L	98
53) Chlorobenzene	8.90	112	93589	5.177 ug/L	99
54) Ethylbenzene	9.03	91	172194	5.280 ug/L	98
55) m,p-xylene	9.16	106	64507	5.275 ug/L	99
56) o-xylene	9.56	106	61899	5.312 ug/L	99
57) Styrene	9.58	104	104974	5.413 ug/L	98
58) Isopropylbenzene	9.95	105	165609	5.188 ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	30334	5.638 ug/L	92
62) Bromoform	9.75	173	10913	5.719 ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	70461	5.203 ug/L	97
64) 1,4-Dichlorobenzene	11.29	146	71200	5.174 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	65778	5.374 ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	4652	5.626 ug/L	98
68) 1,3,5-Trichlorobenzene	12.67	180	49110	5.125 ug/L	97
69) 1,2,4-trichlorobenzene	13.28	180	41282	4.906 ug/L	99
70) Naphthalene	13.53	128	102603	5.581 ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	38669	5.095 ug/L	99

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

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