Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082019\
Data File : VV012305.D
Acq On : 20 Aug 2019 10:55
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00547

Quant Time: Aug 21 01:10:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166855	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151444	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84028	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	30526	3.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.60%			
7) Chloroethane-d5	1.58	69	24180	3.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.60%			
11) 1,1-Dichloroethene-d2	2.13	63	65203	4.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.60%			
20) 2-Butanone-d5	3.94	46	92391	40.19	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.38%			
24) Chloroform-d	4.40	84	97214	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
26) 1,2-Dichloroethane-d4	5.08	65	49509	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
32) Benzene-d6	5.09	84	185011	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.11	67	47850	4.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.40%			
41) Toluene-d8	7.36	98	180182	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	7.66	79	22813	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.13	63	79878	52.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.06%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35957	4.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	74344	4.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	88987	4.466	ug/L	97
3) Chloromethane	1.25	50	41318	3.964	ug/L	98
5) Vinyl chloride	1.32	62	47108	4.294	ug/L	100
6) Bromomethane	1.53	94	27356	4.837	ug/L	99
8) Chloroethane	1.60	64	24801	4.537	ug/L	96
9) Trichlorofluoromethane	1.77	101	88783	4.498	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	39438	4.627	ug/L	95
12) 1,1-Dichloroethene	2.14	96	35695	4.661	ug/L	96
13) Acetone	2.19	43	48795	40.582	ug/L #	63
14) Carbon disulfide	2.32	76	97265	4.575	ug/L	95
15) Methyl Acetate	2.46	43	10417	4.369	ug/L	94
16) Methylene chloride	2.53	84	34984	4.388	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	118071	4.834	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	53419	4.766	ug/L	98
19) 1,1-Dichloroethane	3.23	63	87686	4.561	ug/L	100
21) 2-Butanone	4.02	43	100610	44.100	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	58800	4.874	ug/L	100

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00547

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	25488	4.627	ug/L	95
25) Chloroform	4.42	83	105597	4.390	ug/L	97
27) 1,2-Dichloroethane	5.18	62	61729	4.502	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	99526	4.912	ug/L	99
30) Cyclohexane	4.72	56	77222	5.091	ug/L	98
31) Carbon tetrachloride	4.87	117	94185	4.982	ug/L	98
33) Benzene	5.14	78	204066	4.871	ug/L	100
34) Trichloroethene	5.96	95	60441	4.920	ug/L	98
35) Methylcyclohexane	6.17	83	94244	5.124	ug/L	97
37) 1,2-Dichloropropane	6.22	63	45528	4.645	ug/L	99
38) Bromodichloromethane	6.55	83	72154	4.872	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	78891	5.070	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	248094	48.206	ug/L	97
42) Toluene	7.43	91	231358	4.990	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	62019	4.991	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	35240	4.686	ug/L	98
47) Tetrachloroethene	8.02	164	56998	5.028	ug/L	98
48) 2-Hexanone	8.18	43	170050	45.905	ug/L	97
49) Dibromochloromethane	8.29	129	50958	4.988	ug/L	99
50) 1,2-Dibromoethane	8.39	107	33414	4.704	ug/L	95
51) Chlorobenzene	8.92	112	155918	4.928	ug/L	98
52) Ethylbenzene	9.05	91	265385	5.116	ug/L	98
53) m,p-xylene	9.18	106	103854	5.128	ug/L	94
54) o-xylene	9.59	106	101310	5.201	ug/L	95
55) Styrene	9.60	104	164758	5.008	ug/L	100
56) Isopropylbenzene	9.97	105	277002	5.152	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	36510	4.752	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	28660	4.717	ug/L	99
61) Bromoform	9.77	173	30135	5.191	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	135749	4.773	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	134953	4.771	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	123308	4.725	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	7093	5.202	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	116001	4.972	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	94128	5.457	ug/L	99
69) Naphthalene	13.55	128	161948	6.902	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	84791	5.313	ug/L	99

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

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