Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072619\
Data File : VV012041.D
Acq On : 26 Jul 2019 09:19
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00551

Quant Time: Jul 26 23:17:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 02:35:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	131678	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125141	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65879	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	30079	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.59	69	26638	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.13	63	69812	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.40%			
20) 2-Butanone-d5	3.97	46	112973	56.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.94%			
24) Chloroform-d	4.40	84	89512	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.08	65	48688	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
32) Benzene-d6	5.10	84	175787	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.12	67	51530	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.20%			
41) Toluene-d8	7.36	98	164649	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
43) trans-1,3-Dichloropropene-	7.66	79	20722	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
46) 2-Hexanone-d5	8.14	63	90810	55.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.58%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39118	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	65367	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	73552	5.404	ug/L	100
3) Chloromethane	1.25	50	42111	5.332	ug/L	93
5) Vinyl chloride	1.32	62	45293	5.601	ug/L	96
6) Bromomethane	1.54	94	27841	5.854	ug/L	98
8) Chloroethane	1.60	64	26037	5.443	ug/L	98
9) Trichlorofluoromethane	1.77	101	86160	5.781	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	38337	5.722	ug/L	98
12) 1,1-Dichloroethene	2.14	96	33547	5.598	ug/L	93
13) Acetone	2.23	43	58616	54.357	ug/L	98
14) Carbon disulfide	2.32	76	90402	5.292	ug/L	99
15) Methyl Acetate	2.47	43	10873	4.619	ug/L	100
16) Methylene chloride	2.53	84	33240	4.946	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	111974	5.476	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	50065	5.364	ug/L	98
19) 1,1-Dichloroethane	3.23	63	91624	5.558	ug/L	99
21) 2-Butanone	4.05	43	114150	55.181	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	53952	5.379	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00551

Quant Time: Jul 26 23:17:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 02:35:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	23259	5.640	ug/L		98
25) Chloroform	4.42	83	109179	5.484	ug/L		100
27) 1,2-Dichloroethane	5.18	62	61812	5.584	ug/L		99
29) 1,1,1-Trichloroethane	4.66	97	91758	5.729	ug/L		100
30) Cyclohexane	4.72	56	78833	5.210	ug/L		100
31) Carbon tetrachloride	4.87	117	82540	5.724	ug/L		97
33) Benzene	5.14	78	205459	5.581	ug/L		100
34) Trichloroethene	5.96	95	56257	5.503	ug/L		98
35) Methylcyclohexane	6.17	83	89261	5.610	ug/L		98
37) 1,2-Dichloropropane	6.22	63	49206	5.560	ug/L		100
38) Bromodichloromethane	6.55	83	66247	5.603	ug/L	#	99
39) cis-1,3-Dichloropropene	7.07	75	73509	5.604	ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	281474	56.925	ug/L		100
42) Toluene	7.43	91	228009	5.771	ug/L		98
44) trans-1,3-Dichloropropene	7.69	75	59413	5.695	ug/L		97
45) 1,1,2-Trichloroethane	7.88	97	33541	5.488	ug/L		97
47) Tetrachloroethene	8.02	164	49840	5.650	ug/L		94
48) 2-Hexanone	8.19	43	200912	57.922	ug/L		99
49) Dibromochloromethane	8.29	129	43556	5.820	ug/L		99
50) 1,2-Dibromoethane	8.40	107	32496	5.631	ug/L		94
51) Chlorobenzene	8.92	112	146302	5.655	ug/L		100
52) Ethylbenzene	9.05	91	257350	5.706	ug/L		98
53) m,p-xylene	9.18	106	99143	5.775	ug/L		100
54) o-xylene	9.59	106	92113	5.659	ug/L		96
55) Styrene	9.60	104	159423	5.812	ug/L		96
56) Isopropylbenzene	9.97	105	257162	5.657	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.28	83	37888	5.719	ug/L		99
59) 1,2,3-Trichloropropane	10.32	75	29088	5.635	ug/L		99
61) Bromoform	9.77	173	23518	5.816	ug/L		99
62) 1,3-Dichlorobenzene	11.23	146	120903	5.611	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	123800	5.581	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	112904	5.691	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.47	75	6199	5.379	ug/L		87
67) 1,3,5-Trichlorobenzene	12.69	180	99610	5.527	ug/L		100
68) 1,2,4-trichlorobenzene	13.31	180	80916	5.529	ug/L		99
69) Naphthalene	13.55	128	110256	4.996	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	72311	5.446	ug/L		97

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

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ClientSampleId : VSTD00551

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