Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072519\
Data File : VV012039.D
Acq On : 25 Jul 2019 20:39
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00550

Quant Time: Jul 26 02:40:47 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	124151	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	119515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62288	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28478	4.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.20%			
7) Chloroethane-d5	1.59	69	25460	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.40%			
11) 1,1-Dichloroethene-d2	2.13	63	65137	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.40%			
20) 2-Butanone-d5	3.96	46	115560	61.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.54%			
24) Chloroform-d	4.40	84	88442	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
26) 1,2-Dichloroethane-d4	5.08	65	51353	5.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.80%			
32) Benzene-d6	5.10	84	176124	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
36) 1,2-Dichloropropane-d6	6.12	67	51288	5.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.60%			
41) Toluene-d8	7.36	98	164457	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
43) trans-1,3-Dichloropropene-	7.67	79	20504	5.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.00%			
46) 2-Hexanone-d5	8.13	63	93545	60.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.36%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39270	5.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	66787	5.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	66730	5.200	ug/L	98
3) Chloromethane	1.25	50	38541	5.176	ug/L	97
5) Vinyl chloride	1.32	62	40835	5.356	ug/L	96
6) Bromomethane	1.54	94	24943	5.563	ug/L	96
8) Chloroethane	1.60	64	23241	5.153	ug/L	91
9) Trichlorofluoromethane	1.77	101	77894	5.543	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34183	5.411	ug/L	99
12) 1,1-Dichloroethene	2.14	96	30744	5.441	ug/L	95
13) Acetone	2.23	43	52153	51.296	ug/L	98
14) Carbon disulfide	2.32	76	81850	5.082	ug/L	99
15) Methyl Acetate	2.47	43	10699	4.820	ug/L	99
16) Methylene chloride	2.54	84	31196	4.924	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	105281	5.460	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	45866	5.212	ug/L	98
19) 1,1-Dichloroethane	3.23	63	84029	5.407	ug/L	97
21) 2-Butanone	4.05	43	103565	53.099	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	49537	5.238	ug/L	100

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00550

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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	21522	5.536	ug/L	96
25) Chloroform	4.43	83	102999	5.487	ug/L	99
27) 1,2-Dichloroethane	5.18	62	57439	5.504	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	84620	5.532	ug/L	100
30) Cyclohexane	4.72	56	71948	4.979	ug/L	98
31) Carbon tetrachloride	4.87	117	74979	5.445	ug/L	100
33) Benzene	5.15	78	189100	5.379	ug/L	100
34) Trichloroethene	5.96	95	50630	5.186	ug/L	96
35) Methylcyclohexane	6.18	83	78567	5.170	ug/L	99
37) 1,2-Dichloropropane	6.22	63	44631	5.281	ug/L	100
38) Bromodichloromethane	6.56	83	61374	5.435	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	65777	5.251	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	260263	55.113	ug/L	100
42) Toluene	7.43	91	205005	5.433	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	52972	5.316	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	32148	5.507	ug/L	99
47) Tetrachloroethene	8.02	164	45582	5.411	ug/L	98
48) 2-Hexanone	8.19	43	186976	56.442	ug/L	99
49) Dibromochloromethane	8.29	129	39921	5.585	ug/L	97
50) 1,2-Dibromoethane	8.40	107	30895	5.606	ug/L	93
51) Chlorobenzene	8.92	112	136030	5.505	ug/L	99
52) Ethylbenzene	9.05	91	232173	5.390	ug/L	99
53) m,p-xylene	9.18	106	89544	5.462	ug/L	99
54) o-xylene	9.59	106	85180	5.479	ug/L	99
55) Styrene	9.60	104	147827	5.643	ug/L	99
56) Isopropylbenzene	9.97	105	236674	5.452	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	35484	5.609	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	27119	5.501	ug/L	98
61) Bromoform	9.77	173	21998	5.753	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	110137	5.406	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	112230	5.351	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	103075	5.495	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	5897	5.412	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	90782	5.328	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	75163	5.432	ug/L	100
69) Naphthalene	13.55	128	108116	5.181	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	66468	5.295	ug/L	96

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

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