Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012521.D
Acq On : 02 Sep 2019 11:42
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV35

Quant Time: Sep 03 05:34:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 02:30:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	169961	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	159609	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	79432	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	77940	4.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.40%			
7) Chloroethane-d5	1.58	69	75005	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.13	63	193623	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.00%			
20) 2-Butanone-d5	3.97	46	147168	46.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.58%			
24) Chloroform-d	4.40	84	121130	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.08	65	61015	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.09	84	221574	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.12	67	70376	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.36	98	207744	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
43) trans-1,3-Dichloropropene-	7.66	79	25698	4.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.60%			
46) 2-Hexanone-d5	8.14	63	101907	52.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.44%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48605	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	68641	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	106023	4.871	ug/L	100
3) Chloromethane	1.25	50	129633	5.030	ug/L	98
5) Vinyl chloride	1.32	62	138257	4.944	ug/L	99
6) Bromomethane	1.54	94	83731	5.036	ug/L	100
8) Chloroethane	1.60	64	89989	4.694	ug/L	99
9) Trichlorofluoromethane	1.77	101	206481	4.816	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	117921	4.929	ug/L	98
12) 1,1-Dichloroethene	2.14	96	109920	5.000	ug/L	97
13) Acetone	2.23	43	211397	47.361	ug/L	100
14) Carbon disulfide	2.32	76	338166	4.784	ug/L	99
15) Methyl Acetate	2.47	43	54827	5.068	ug/L	98
16) Methylene chloride	2.53	84	121144	4.789	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	189628	5.078	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	83351	4.742	ug/L	97
19) 1,1-Dichloroethane	3.23	63	164272	4.856	ug/L	98
21) 2-Butanone	4.05	43	213861	50.076	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	88825	4.889	ug/L	97

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Sample : VSTDICV005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV35

Quant Time: Sep 03 05:34:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 02:30:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	35935	4.953	ug/L		98
25) Chloroform	4.42	83	165798	4.676	ug/L		99
27) 1,2-Dichloroethane	5.18	62	104898	5.081	ug/L		96
29) 1,1,1-Trichloroethane	4.66	97	134093	5.070	ug/L		98
30) Cyclohexane	4.72	56	146729	5.377	ug/L		99
31) Carbon tetrachloride	4.87	117	115701	5.032	ug/L		100
33) Benzene	5.14	78	350878	5.354	ug/L		100
34) Trichloroethene	5.96	95	91208	5.023	ug/L		96
35) Methylcyclohexane	6.17	83	147642	5.350	ug/L		97
37) 1,2-Dichloropropane	6.22	63	87860	5.010	ug/L		100
38) Bromodichloromethane	6.55	83	114053	5.144	ug/L		100
39) cis-1,3-Dichloropropene	7.07	75	121528	5.329	ug/L		97
40) 4-Methyl-2-pentanone	7.28	43	563171	55.276	ug/L		99
42) Toluene	7.43	91	380678	5.344	ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	95275	5.272	ug/L		99
45) 1,1,2-Trichloroethane	7.88	97	56373	5.084	ug/L		96
47) Tetrachloroethene	8.02	164	66083	5.037	ug/L		96
48) 2-Hexanone	8.19	43	402126	56.319	ug/L		97
49) Dibromochloromethane	8.29	129	67212	5.207	ug/L		98
50) 1,2-Dibromoethane	8.39	107	51578	5.213	ug/L		96
51) Chlorobenzene	8.92	112	227619	5.087	ug/L		98
52) Ethylbenzene	9.05	91	414771	5.337	ug/L		99
53) m,p-xylene	9.18	106	151838	5.388	ug/L		100
54) o-xylene	9.59	106	145176	5.459	ug/L		94
55) Styrene	9.60	104	253955	5.613	ug/L		99
56) Isopropylbenzene	9.97	105	402591	5.470	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.28	83	63585	5.097	ug/L		99
59) 1,2,3-Trichloropropane	10.32	75	50107	5.127	ug/L		95
61) Bromoform	9.77	173	33157	5.136	ug/L		97
62) 1,3-Dichlorobenzene	11.22	146	176959	5.160	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	176862	5.010	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	162639	5.175	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.48	75	9943	4.693	ug/L	#	85
67) 1,3,5-Trichlorobenzene	12.69	180	127869	5.045	ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	101491	5.559	ug/L		99
69) Naphthalene	13.55	128	161249	5.957	ug/L		100
70) 1,2,3-Trichlorobenzene	13.79	180	95992	5.809	ug/L		95

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

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