Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042419\
Data File : VV010457.D
Acq On : 24 Apr 2019 12:43
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV38

Quant Time: Apr 25 02:22:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	287573	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	276137	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	144242	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	71281	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.58	69	55713	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%			
11) 1,1-Dichloroethene-d2	2.13	63	145272	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.60%			
20) 2-Butanone-d5	3.98	46	161798	45.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.04%			
24) Chloroform-d	4.40	84	154927	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.09	65	77981	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	5.10	84	299689	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.12	67	87727	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.36	98	301055	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	7.67	79	34227	4.49	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.80%			
46) 2-Hexanone-d5	8.14	63	132677	45.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.16%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	66057	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	118161	4.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	106875	4.765	ug/L	96
3) Chloromethane	1.25	50	80660	4.453	ug/L	99
5) Vinyl chloride	1.32	62	89988	4.591	ug/L	97
6) Bromomethane	1.54	94	60216	4.673	ug/L	97
8) Chloroethane	1.60	64	50940	4.628	ug/L	97
9) Trichlorofluoromethane	1.77	101	164497	4.528	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	91828	4.804	ug/L	96
12) 1,1-Dichloroethene	2.14	96	79711	4.599	ug/L	98
13) Acetone	2.23	43	96619	45.179	ug/L	96
14) Carbon disulfide	2.32	76	215733	4.606	ug/L	100
15) Methyl Acetate	2.47	43	24162	4.361	ug/L	98
16) Methylene chloride	2.54	84	81027	4.281	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	184260	4.527	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	88617	4.689	ug/L	95
19) 1,1-Dichloroethane	3.23	63	140369	4.659	ug/L	98
21) 2-Butanone	4.06	43	181081	48.306	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	90462	4.594	ug/L	99

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV38

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	40784	4.750	ug/L		96
25) Chloroform	4.43	83	166214	4.681	ug/L		98
27) 1,2-Dichloroethane	5.18	62	96114	4.613	ug/L		96
29) 1,1,1-Trichloroethane	4.65	97	155177	4.825	ug/L		97
30) Cyclohexane	4.72	56	130975	4.828	ug/L		97
31) Carbon tetrachloride	4.87	117	141866	4.853	ug/L		99
33) Benzene	5.14	78	337475	4.780	ug/L		100
34) Trichloroethene	5.96	95	97435	4.783	ug/L		95
35) Methylcyclohexane	6.17	83	146000	4.776	ug/L		99
37) 1,2-Dichloropropane	6.22	63	81574	4.761	ug/L		100
38) Bromodichloromethane	6.56	83	110584	4.795	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	122983	4.840	ug/L		97
40) 4-Methyl-2-pentanone	7.28	43	462763	47.770	ug/L		99
42) Toluene	7.43	91	381614	4.750	ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	93823	4.781	ug/L		98
45) 1,1,2-Trichloroethane	7.88	97	59681	4.755	ug/L		93
47) Tetrachloroethene	8.02	164	83565	4.594	ug/L		96
48) 2-Hexanone	8.19	43	340181	50.484	ug/L		97
49) Dibromochloromethane	8.29	129	76337	4.709	ug/L		95
50) 1,2-Dibromoethane	8.40	107	57226	4.704	ug/L		90
51) Chlorobenzene	8.93	112	256039	4.692	ug/L		97
52) Ethylbenzene	9.05	91	427911	4.794	ug/L		100
53) m,p-xylene	9.18	106	168260	4.794	ug/L		98
54) o-xylene	9.59	106	161671	4.695	ug/L		97
55) Styrene	9.60	104	272408	4.876	ug/L		99
56) Isopropylbenzene	9.97	105	439429	4.791	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	67376	4.668	ug/L		93
59) 1,2,3-Trichloropropane	10.32	75	48746	4.600	ug/L		99
61) Bromoform	9.77	173	39862	4.662	ug/L		98
62) 1,3-Dichlorobenzene	11.23	146	215284	4.790	ug/L		98
63) 1,4-Dichlorobenzene	11.32	146	215811	4.768	ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	200600	4.705	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10332	4.474	ug/L	#	78
67) 1,3,5-Trichlorobenzene	12.69	180	177850	4.832	ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	141102	5.067	ug/L		100
69) Naphthalene	13.55	128	206322	4.993	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	129850	4.918	ug/L		99

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

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