Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070720\
Data File : VV017365.D
Acq On : 07 Jul 2020 09:28
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 08 01:25:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	169313	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	162634	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	86409	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	44070	4.34	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.80%			
7) Chloroethane-d5	1.58	69	35558	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.12	63	94086	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	3.96	46	98649	38.09	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.18%			
24) Chloroform-d	4.37	84	106589	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.05	65	57499	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.07	84	186769	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
36) 1,2-Dichloropropane-d6	6.09	67	51218	4.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.00%			
41) Toluene-d8	7.33	98	179294	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
45) trans-1,3-Dichloropropene-	7.64	79	24328	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
48) 2-Hexanone-d5	8.11	63	79778	39.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.60%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38754	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	71864	4.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	62349	4.613	ug/L	99
3) Chloromethane	1.25	50	44897	3.920	ug/L	98
5) Vinyl chloride	1.32	62	49907	4.492	ug/L	98
6) Bromomethane	1.53	94	25822	3.988	ug/L	98
8) Chloroethane	1.60	64	30364	4.945	ug/L	97
9) Trichlorofluoromethane	1.76	101	97775	5.434	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	47805	5.331	ug/L	99
12) 1,1-Dichloroethene	2.13	96	40092	4.934	ug/L	89
13) Acetone	2.25	43	63985m	48.874	ug/L	
14) Carbon disulfide	2.31	76	105797	4.345	ug/L	98
15) Methyl Acetate	2.46	43	14453	4.515	ug/L	97
16) Methylene chloride	2.52	84	44272	5.087	ug/L	96
17) Methyl tert-butyl Ether	2.79	73	108757	5.330	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	43936	5.102	ug/L	93
19) 1,1-Dichloroethane	3.21	63	94705	4.895	ug/L	97
21) 2-Butanone	4.04	43	103806	42.063	ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	54884	4.661	ug/L	94

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	24058	4.808 ug/L	90
25) Chloroform	4.40	83	106187	5.025 ug/L	96
27) 1,2-Dichloroethane	5.16	62	65492	4.988 ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	101830	5.226 ug/L	97
30) Cyclohexane	4.69	56	73900	3.986 ug/L	95
31) Carbon tetrachloride	4.85	117	91600	5.210 ug/L	98
33) Benzene	5.12	78	199212	4.677 ug/L	100
34) Trichloroethene	5.93	95	56971	4.568 ug/L	98
35) Methylcyclohexane	6.15	83	80471	4.151 ug/L	98
37) 1,2-Dichloropropane	6.20	63	45461	4.312 ug/L	99
38) Bromodichloromethane	6.53	83	71438	4.988 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	74300	4.743 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	262631	43.143 ug/L	97
42) Toluene	7.41	91	221664	4.477 ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	219770	4.963 ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	225142	4.993 ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	63999	4.723 ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	35778	4.784 ug/L	97
49) Tetrachloroethene	7.99	164	50149	4.996 ug/L	98
50) 2-Hexanone	8.16	43	188303	43.467 ug/L	94
51) Dibromochloromethane	8.27	129	49368	5.446 ug/L	96
52) 1,2-Dibromoethane	8.37	107	33065	4.662 ug/L	95
53) Chlorobenzene	8.90	112	146363	4.742 ug/L	98
54) Ethylbenzene	9.03	91	253378	4.794 ug/L	99
55) m,p-xylene	9.16	106	98821	4.767 ug/L	99
56) o-xylene	9.56	106	92550	4.784 ug/L	99
57) Styrene	9.58	104	160296	5.001 ug/L	100
58) Isopropylbenzene	9.95	105	259483	4.874 ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	38199	4.938 ug/L	91
62) Bromoform	9.75	173	26383	5.707 ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	131309	5.048 ug/L	95
64) 1,4-Dichlorobenzene	11.29	146	129369	4.893 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	117507	4.977 ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	7095	5.433 ug/L	96
68) 1,3,5-Trichlorobenzene	12.67	180	103013	4.929 ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	83878	4.875 ug/L	99
70) Naphthalene	13.53	128	115519	4.755 ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	72422	5.161 ug/L	97

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

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