Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033019\
Data File : VN054819.D
Acq On : 30 Mar 2019 23:04
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
4/1/2019 1:31:43 PM

Quant Time: Mar 31 04:46:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	418748	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	721143	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	624361	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	270622	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	305101	54.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.10%				
35) Dibromofluoromethane	7.59	113	237925	49.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.98%				
50) Toluene-d8	10.09	98	882564	49.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.76%				
62) 4-Bromofluorobenzene	12.40	95	295736	49.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	200405	47.314	ug/l		97
3) Chloromethane	2.06	50	283243	48.363	ug/l		99
4) Vinyl Chloride	2.19	62	260167	49.468	ug/l		99
5) Bromomethane	2.57	94	123863	44.681	ug/l		98
6) Chloroethane	2.71	64	143425	48.838	ug/l		100
7) Trichlorofluoromethane	3.02	101	329225	50.917	ug/l		99
8) Diethyl Ether	3.41	74	112949	54.249	ug/l		68
9) 1,1,2-Trichlorotrifluoroet	3.75	101	167223	49.128	ug/l		93
10) Methyl Iodide	3.94	142	185836	39.881	ug/l	#	89
11) Tert butyl alcohol	4.83	59	108071	367.456	ug/l		100
12) 1,1-Dichloroethene	3.73	96	171879	52.217	ug/l	#	75
13) Acrolein	3.61	56	75853	288.496	ug/l		97
14) Allyl chloride	4.31	41	413818	51.040	ug/l	#	91
15) Acrylonitrile	5.00	53	511200	312.711	ug/l		100
16) Acetone	3.82	43	360806	268.039	ug/l	#	82
17) Carbon Disulfide	4.04	76	453143	42.445	ug/l		99
18) Methyl Acetate	4.33	43	237644	68.113	ug/l	#	88
19) Methyl tert-butyl Ether	5.06	73	668294	58.042	ug/l		95
20) Methylene Chloride	4.55	84	249171	52.477	ug/l	#	83
21) trans-1,2-Dichloroethene	5.03	96	229276	53.030	ug/l		87
22) Diisopropyl ether	5.96	45	903194	56.324	ug/l	#	94
23) Vinyl Acetate	5.90	43	3409220	305.506	ug/l	#	92
24) 1,1-Dichloroethane	5.85	63	462698	54.091	ug/l		99
25) 2-Butanone	6.85	43	660598	331.995	ug/l	#	89
26) 2,2-Dichloropropane	6.83	77	224736	37.485	ug/l		99
27) cis-1,2-Dichloroethene	6.83	96	267832	54.837	ug/l		91
28) Bromochloromethane	7.19	49	240703	56.274	ug/l	#	71
29) Tetrahydrofuran	7.22	42	452056	327.102	ug/l	#	83
30) Chloroform	7.37	83	452030	55.419	ug/l		99
31) Cyclohexane	7.65	56	420407	54.107	ug/l		87
32) 1,1,1-Trichloroethane	7.57	97	373170	55.207	ug/l		96
36) 1,1-Dichloropropene	7.79	75	332550	49.489	ug/l		96
37) Ethyl Acetate	6.94	43	294107	59.685	ug/l	#	94
38) Carbon Tetrachloride	7.77	117	322062	49.346	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	348412	47.162	ug/l		88
40) Benzene	8.04	78	1012396	52.654	ug/l		99
41) Methacrylonitrile	7.18	41	164256	59.338	ug/l	#	90
42) 1,2-Dichloroethane	8.13	62	365207	53.196	ug/l		97
43) Isopropyl Acetate	8.17	43	499005	62.323	ug/l	#	94
44) Trichloroethene	8.84	130	253156	50.720	ug/l		90
45) 1,2-Dichloropropane	9.12	63	285242	52.027	ug/l		98
46) Dibromomethane	9.21	93	166389	53.950	ug/l		89
47) Bromodichloromethane	9.40	83	349471	54.522	ug/l		97
48) Methyl methacrylate	9.20	41	251547	57.956	ug/l		89
49) 1,4-Dioxane	9.21	88	58378	1355.566	ug/l	#	87
51) 4-Methyl-2-Pentanone	9.99	43	1466177	325.699	ug/l		92
52) Toluene	10.16	92	602917	52.697	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	320425	53.143	ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	382788	53.147	ug/l	#	91
55) 1,1,2-Trichloroethane	10.56	97	232237	54.590	ug/l		97
56) Ethyl methacrylate	10.43	69	330789	59.274	ug/l	#	84
57) 1,3-Dichloropropane	10.71	76	403291	55.140	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	638632	265.013	ug/l		89
59) 2-Hexanone	10.75	43	930390	322.854	ug/l		90
60) Dibromochloromethane	10.90	129	244981	56.848	ug/l		100
61) 1,2-Dibromoethane	11.01	107	227828	56.038	ug/l		100
64) Tetrachloroethene	10.63	164	241028	50.307	ug/l		96
65) Chlorobenzene	11.43	112	619978	50.717	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	242055	52.902	ug/l		99
67) Ethyl Benzene	11.51	91	1126337	51.059	ug/l		97
68) m/p-Xylenes	11.62	106	828141	101.446	ug/l		94
69) o-Xylene	11.95	106	403588	50.417	ug/l		94
70) Styrene	11.96	104	680130	53.138	ug/l		97
71) Bromoform	12.13	173	156519	58.391	ug/l	#	100
73) Isopropylbenzene	12.25	105	1076578	48.671	ug/l		98
74) N-amyl acetate	12.07	43	400375	58.100	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.51	83	293138	60.475	ug/l		98
76) 1,2,3-Trichloropropane	12.55	75	253271m	53.872	ug/l		
77) Bromobenzene	12.53	156	268017	50.205	ug/l		84
78) n-propylbenzene	12.59	91	1186673	48.811	ug/l		96
79) 2-Chlorotoluene	12.68	91	723974	48.134	ug/l		95
80) 1,3,5-Trimethylbenzene	12.73	105	871477	48.016	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.30	75	61422	50.819	ug/l		85
82) 4-Chlorotoluene	12.77	91	718546	49.185	ug/l		96
83) tert-Butylbenzene	12.99	119	752633	53.673	ug/l		95
84) 1,2,4-Trimethylbenzene	13.04	105	866774	50.128	ug/l		96
85) sec-Butylbenzene	13.17	105	947651	48.064	ug/l		96
86) p-Isopropyltoluene	13.29	119	826411	47.523	ug/l		97
87) 1,3-Dichlorobenzene	13.28	146	441083	49.350	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	429778	49.026	ug/l		98
89) n-Butylbenzene	13.62	91	663865	46.791	ug/l		97
90) Hexachloroethane	13.88	117	147110	49.826	ug/l		88
91) 1,2-Dichlorobenzene	13.65	146	441791	48.977	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	45154	59.714	ug/l		86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	212882	48.952	ug/l	99
94) Hexachlorobutadiene	15.01	225	120511	46.651	ug/l	99
95) Naphthalene	15.13	128	532356	54.581	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	217551	49.534	ug/l	98

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

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