Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072619\
Data File : VN056921.D
Acq On : 25 Jul 2019 14:28
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 26 04:09:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 26 03:12:32 2019
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	421093	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	636775	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.40	117	539158	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163582	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	22357	4.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 9.86%				
35) Dibromofluoromethane	7.57	113	19994	4.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 9.72%				
50) Toluene-d8	10.08	98	75349	4.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 9.60%				
62) 4-Bromofluorobenzene	12.40	95	21826	4.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 8.54%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	19235	4.139	ug/l		95
3) Chloromethane	2.05	50	27536	4.745	ug/l		95
4) Vinyl Chloride	2.17	62	25502	4.786	ug/l		99
5) Bromomethane	2.54	94	15885	4.876	ug/l		98
6) Chloroethane	2.68	64	13702	4.653	ug/l		97
7) Trichlorofluoromethane	3.00	101	34322	5.164	ug/l		94
8) Diethyl Ether	3.39	74	13007	5.230	ug/l		96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	20828	5.093	ug/l		98
10) Methyl Iodide	3.93	142	27893	5.092	ug/l		98
11) Tert butyl alcohol	4.76	59	18736	29.808	ug/l	#	86
12) 1,1-Dichloroethene	3.72	96	20285	4.967	ug/l		96
13) Acrolein	3.59	56	11091	22.923	ug/l		100
14) Allyl chloride	4.30	41	31184	4.653	ug/l		98
15) Acrylonitrile	4.96	53	45499	23.891	ug/l		99
16) Acetone	3.80	43	37564	23.005	ug/l		97
17) Carbon Disulfide	4.03	76	51270	4.623	ug/l		99
18) Methyl Acetate	4.31	43	26229	4.163	ug/l		97
19) Methyl tert-butyl Ether	5.02	73	57527	4.777	ug/l		99
20) Methylene Chloride	4.53	84	24552	5.100	ug/l		96
21) trans-1,2-Dichloroethene	5.02	96	22114	5.182	ug/l		91
22) Diisopropyl ether	5.93	45	66979	4.946	ug/l		90
23) Vinyl Acetate	5.88	43	219643	22.589	ug/l		98
24) 1,1-Dichloroethane	5.82	63	40427	5.144	ug/l		98
25) 2-Butanone	6.82	43	58347	24.575	ug/l		94
26) 2,2-Dichloropropane	6.80	77	28247	5.061	ug/l		99
27) cis-1,2-Dichloroethene	6.81	96	25866	5.272	ug/l		94
28) Bromochloromethane	7.18	49	18311	5.121	ug/l		99
29) Tetrahydrofuran	7.19	42	38377	23.755	ug/l		98
30) Chloroform	7.36	83	42072	5.328	ug/l		99
31) Cyclohexane	7.63	56	41970	5.522	ug/l	#	85
32) 1,1,1-Trichloroethane	7.55	97	31125	4.873	ug/l		98
36) 1,1-Dichloropropene	7.78	75	28789	4.901	ug/l		99
37) Ethyl Acetate	6.91	43	22253	4.732	ug/l		97
38) Carbon Tetrachloride	7.76	117	26525	4.728	ug/l		96

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 26 03:12:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	33106	4.485	ug/l		95
40) Benzene	8.03	78	92558	5.060	ug/l		97
41) Methacrylonitrile	7.16	41	10652	4.691	ug/l	#	100
42) 1,2-Dichloroethane	8.11	62	29940	5.239	ug/l		98
43) Isopropyl Acetate	8.15	43	37524	4.625	ug/l		98
44) Trichloroethene	8.82	130	25048	5.084	ug/l		89
45) 1,2-Dichloropropane	9.10	63	24883	5.037	ug/l		97
46) Dibromomethane	9.20	93	15051	4.937	ug/l		98
47) Bromodichloromethane	9.39	83	28581	4.973	ug/l		98
48) Methyl methacrylate	9.19	41	16613	4.104	ug/l		91
49) 1,4-Dioxane	9.19	88	7550	94.395	ug/l	#	91
51) 4-Methyl-2-Pentanone	9.98	43	114979	23.812	ug/l		97
52) Toluene	10.15	92	54015	4.900	ug/l		99
53) t-1,3-Dichloropropene	10.37	75	26952	4.590	ug/l		98
54) cis-1,3-Dichloropropene	9.83	75	31816	4.583	ug/l		99
55) 1,1,2-Trichloroethane	10.55	97	22453	5.130	ug/l		95
56) Ethyl methacrylate	10.42	69	27563	4.562	ug/l		98
57) 1,3-Dichloropropane	10.70	76	36859	5.092	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.68	63	50731	20.154	ug/l		100
59) 2-Hexanone	10.74	43	73930	22.052	ug/l		99
60) Dibromochloromethane	10.89	129	20569	4.681	ug/l		96
61) 1,2-Dibromoethane	11.00	107	21026	4.847	ug/l		98
64) Tetrachloroethene	10.62	164	26860	5.719	ug/l		99
65) Chlorobenzene	11.43	112	57763	5.130	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.50	131	20325	4.784	ug/l		93
67) Ethyl Benzene	11.50	91	97154	4.993	ug/l		100
68) m/p-Xylenes	11.62	106	70598	9.689	ug/l		100
69) o-Xylene	11.94	106	35470	4.998	ug/l		100
70) Styrene	11.96	104	49603	4.383	ug/l		98
71) Bromoform	12.12	173	13566	4.639	ug/l	#	98
73) Isopropylbenzene	12.24	105	91685	6.359	ug/l		100
74) N-amyl acetate	12.06	43	24450	5.123	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.50	83	27571	6.507	ug/l		96
76) 1,2,3-Trichloropropane	12.55	75	19685m	5.710	ug/l		
77) Bromobenzene	12.52	156	22914	6.370	ug/l		98
78) n-propylbenzene	12.59	91	89171	5.862	ug/l		99
79) 2-Chlorotoluene	12.67	91	59418	6.251	ug/l		97
80) 1,3,5-Trimethylbenzene	12.73	105	74746	6.220	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.29	75	5143	4.854	ug/l	#	81
82) 4-Chlorotoluene	12.77	91	49410	5.473	ug/l		99
83) tert-Butylbenzene	12.99	119	65311	6.208	ug/l		96
84) 1,2,4-Trimethylbenzene	13.03	105	68478	5.981	ug/l		99
85) sec-Butylbenzene	13.17	105	81823	6.078	ug/l		100
86) p-Isopropyltoluene	13.28	119	68572	5.709	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	29550	5.115	ug/l		96
88) 1,4-Dichlorobenzene	13.36	146	27966	5.004	ug/l		96
89) n-Butylbenzene	13.61	91	49945	5.425	ug/l		98
90) Hexachloroethane	13.87	117	12688	6.108	ug/l		95
91) 1,2-Dichlorobenzene	13.65	146	30967	5.347	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	3358	5.355	ug/l		98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	7976	3.202	ug/l	98
94) Hexachlorobutadiene	15.00	225	13471	5.916	ug/l	100
95) Naphthalene	15.12	128	19946	3.054	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	10199	3.705	ug/l	98

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

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