Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090719\
Data File : VN057773.D
Acq On : 7 Sep 2019 23:11
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
9/10/2019 3:02:45 PM

Quant Time: Sep 08 07:24:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	200015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	314201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	295068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	178347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	225572	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.72%			
35) Dibromofluoromethane	7.57	113	148532	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.80%			
50) Toluene-d8	10.09	98	544685	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.90%			
62) 4-Bromofluorobenzene	12.40	95	220557	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	139903	44.045	ug/l	96
3) Chloromethane	2.03	50	136091	35.916	ug/l	97
4) Vinyl Chloride	2.16	62	119401	43.407	ug/l	97
5) Bromomethane	2.53	94	65850	52.124	ug/l	99
6) Chloroethane	2.68	64	70891	43.653	ug/l	94
7) Trichlorofluoromethane	2.99	101	175025	39.647	ug/l	100
8) Diethyl Ether	3.39	74	78866	44.710	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	123668	44.887	ug/l	96
10) Methyl Iodide	3.93	142	151626	55.546	ug/l	98
11) Tert butyl alcohol	4.76	59	127863	231.284	ug/l	99
12) 1,1-Dichloroethene	3.71	96	111093	44.816	ug/l	97
13) Acrolein	3.59	56	59244	225.334	ug/l	94
14) Allyl chloride	4.30	41	237998	42.015	ug/l	99
15) Acrylonitrile	4.96	53	351376	247.217	ug/l	98
16) Acetone	3.80	43	344366	229.980	ug/l	98
17) Carbon Disulfide	4.03	76	232083	41.324	ug/l	99
18) Methyl Acetate	4.30	43	184648	45.346	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	466672	44.843	ug/l	98
20) Methylene Chloride	4.53	84	141685	43.762	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	122494	46.962	ug/l	97
22) Diisopropyl ether	5.93	45	546123	45.575	ug/l	98
23) Vinyl Acetate	5.87	43	2311763	238.349	ug/l	100
24) 1,1-Dichloroethane	5.83	63	279934	45.561	ug/l	98
25) 2-Butanone	6.82	43	525464	245.045	ug/l	99
26) 2,2-Dichloropropane	6.81	77	177217	34.574	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	156824	47.899	ug/l	92
28) Bromochloromethane	7.18	49	153043	47.606	ug/l	93
29) Tetrahydrofuran	7.19	42	334936	242.200	ug/l	99
30) Chloroform	7.36	83	297273	46.432	ug/l	98
31) Cyclohexane	7.64	56	229955	42.106	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	253580	47.551	ug/l	99
36) 1,1-Dichloropropene	7.78	75	198490	47.486	ug/l	98
37) Ethyl Acetate	6.91	43	217890	52.507	ug/l	99
38) Carbon Tetrachloride	7.76	117	203646	50.881	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.07	83	210016	47.501 ug/l		96
40) Benzene	8.03	78	593756	50.221 ug/l		99
41) Methacrylonitrile	7.19	41	335406	165.348 ug/l	#	22
42) 1,2-Dichloroethane	8.11	62	266857	48.153 ug/l		98
43) Isopropyl Acetate	8.15	43	393041	49.345 ug/l		99
44) Trichloroethene	8.83	130	142959	53.800 ug/l		100
45) 1,2-Dichloropropane	9.11	63	164915	49.874 ug/l		99
46) Dibromomethane	9.20	93	111980	52.794 ug/l		94
47) Bromodichloromethane	9.40	83	227458	50.460 ug/l		99
48) Methyl methacrylate	9.19	41	196012	47.849 ug/l		97
49) 1,4-Dioxane	9.19	88	52774	1107.225 ug/l		98
51) 4-Methyl-2-Pentanone	9.98	43	1196026	270.378 ug/l		99
52) Toluene	10.15	92	367113	51.231 ug/l		100
53) t-1,3-Dichloropropene	10.38	75	218706	48.361 ug/l		99
54) cis-1,3-Dichloropropene	9.83	75	236525	48.409 ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	148833	51.611 ug/l		99
56) Ethyl methacrylate	10.43	69	238507	51.817 ug/l		98
57) 1,3-Dichloropropane	10.71	76	260820	50.350 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.69	63	592252	253.619 ug/l		99
59) 2-Hexanone	10.75	43	845937	271.195 ug/l		100
60) Dibromochloromethane	10.90	129	153100	49.263 ug/l		100
61) 1,2-Dibromoethane	11.00	107	150761	54.456 ug/l		99
64) Tetrachloroethene	10.63	164	125897	54.727 ug/l		94
65) Chlorobenzene	11.43	112	396438	51.505 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	145820	54.446 ug/l		98
67) Ethyl Benzene	11.51	91	749585	50.474 ug/l		99
68) m/p-Xylenes	11.62	106	532371	104.079 ug/l		97
69) o-Xylene	11.95	106	261716	51.673 ug/l		98
70) Styrene	11.96	104	460385	52.533 ug/l		98
71) Bromoform	12.13	173	101249	50.553 ug/l	#	99
73) Isopropylbenzene	12.25	105	745307	47.268 ug/l		98
74) N-amyl acetate	12.07	43	354999	45.071 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.51	83	225836	47.765 ug/l		99
76) 1,2,3-Trichloropropane	12.56	75	187784m	45.851 ug/l		
77) Bromobenzene	12.53	156	177416	51.793 ug/l		88
78) n-propylbenzene	12.59	91	862245	46.028 ug/l		98
79) 2-Chlorotoluene	12.68	91	532770	46.717 ug/l		96
80) 1,3,5-Trimethylbenzene	12.74	105	637548	47.599 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	51225	38.899 ug/l		96
82) 4-Chlorotoluene	12.78	91	546197	46.504 ug/l		97
83) tert-Butylbenzene	13.00	119	537046	47.562 ug/l		95
84) 1,2,4-Trimethylbenzene	13.04	105	638637	48.135 ug/l		99
85) sec-Butylbenzene	13.17	105	715210	45.976 ug/l		97
86) p-Isopropyltoluene	13.29	119	637016	48.318 ug/l		99
87) 1,3-Dichlorobenzene	13.29	146	318566	49.747 ug/l		97
88) 1,4-Dichlorobenzene	13.37	146	320063	49.962 ug/l		98
89) n-Butylbenzene	13.62	91	590648	45.301 ug/l		99
90) Hexachloroethane	13.88	117	99062	47.955 ug/l		92
91) 1,2-Dichlorobenzene	13.66	146	320977	50.910 ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46613	50.043 ug/l		92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	207116	54.911	ug/l	98
94) Hexachlorobutadiene	15.01	225	100824	54.842	ug/l	99
95) Naphthalene	15.13	128	557719	50.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	194825	53.887	ug/l	99

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

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