Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061119\
Data File : VN056231.D
Acq On : 11 Jun 2019 18:33
Operator : JC/SP
Sample : K3284-06MS
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-TT-AOC22-MW10-20190609MS

Manual Integrations APPROVED
MMDadoda
6/12/2019 11:11:35 AM

Quant Time: Jun 12 07:29:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	298137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	420836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	383234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	171257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	151412	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.30%			
35) Dibromofluoromethane	7.59	113	137081	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.18%			
50) Toluene-d8	10.09	98	517684	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.20%			
62) 4-Bromofluorobenzene	12.40	95	175541	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	148491	45.369	ug/l	100
3) Chloromethane	2.06	50	158967	49.188	ug/l	99
4) Vinyl Chloride	2.18	62	159122	49.084	ug/l	98
5) Bromomethane	2.54	94	93284	45.553	ug/l	99
6) Chloroethane	2.69	64	90337	48.062	ug/l	98
7) Trichlorofluoromethane	3.01	101	199333	48.165	ug/l	99
8) Diethyl Ether	3.40	74	76190	44.767	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	122681	48.800	ug/l	98
10) Methyl Iodide	3.94	142	191513	47.937	ug/l	100
11) Tert butyl alcohol	4.82	59	99733	193.601	ug/l	99
12) 1,1-Dichloroethene	3.72	96	121788	48.660	ug/l	97
13) Acrolein	3.60	56	49455	332.868	ug/l	97
14) Allyl chloride	4.31	41	185943	47.049	ug/l	99
15) Acrylonitrile	4.99	53	331248	264.150	ug/l	100
16) Acetone	3.82	43	258273	182.423	ug/l	100
17) Carbon Disulfide	4.04	76	297219	49.597	ug/l	99
18) Methyl Acetate	4.33	43	127156	45.673	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	380384	47.680	ug/l	99
20) Methylene Chloride	4.54	84	141686	48.575	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	130913	48.818	ug/l	99
22) Diisopropyl ether	5.96	45	394816	48.328	ug/l	97
23) Vinyl Acetate	5.90	43	1412786	219.598	ug/l	99
24) 1,1-Dichloroethane	5.84	63	233553	49.560	ug/l	99
25) 2-Butanone	6.84	43	422115	235.975	ug/l	99
26) 2,2-Dichloropropane	6.82	77	131274	35.699	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	154291	48.947	ug/l	95
28) Bromochloromethane	7.19	49	117437	52.697	ug/l	97
29) Tetrahydrofuran	7.22	42	282026	255.057	ug/l	99
30) Chloroform	7.37	83	238567	50.324	ug/l	100
31) Cyclohexane	7.65	56	211728	45.074	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	198721	50.198	ug/l	99
36) 1,1-Dichloropropene	7.79	75	173123	47.843	ug/l	99
37) Ethyl Acetate	6.93	43	153172	47.574	ug/l	99
38) Carbon Tetrachloride	7.77	117	172690	51.763	ug/l	98

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.08	83	209605	46.499 ug/l		99
40) Benzene	8.04	78	553778	50.387 ug/l		99
41) Methacrylonitrile	7.17	41	81488	55.009 ug/l		94
42) 1,2-Dichloroethane	8.12	62	172404	48.767 ug/l		99
43) Isopropyl Acetate	8.17	43	245680	47.089 ug/l		99
44) Trichloroethene	8.83	130	156831	49.660 ug/l		100
45) 1,2-Dichloropropane	9.12	63	143905	51.118 ug/l		100
46) Dibromomethane	9.21	93	95142	51.683 ug/l		97
47) Bromodichloromethane	9.40	83	179100	53.680 ug/l		99
48) Methyl methacrylate	9.20	41	134773	52.801 ug/l		97
49) 1,4-Dioxane	9.20	88	53019	962.139 ug/l		100
51) 4-Methyl-2-Pentanone	9.99	43	862420	264.327 ug/l		100
52) Toluene	10.16	92	348005	50.886 ug/l		99
53) t-1,3-Dichloropropene	10.38	75	172810	44.457 ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	200135	49.903 ug/l		97
55) 1,1,2-Trichloroethane	10.56	97	139992	51.676 ug/l		99
56) Ethyl methacrylate	10.43	69	206120	52.154 ug/l		98
57) 1,3-Dichloropropane	10.71	76	229084	52.019 ug/l		100
59) 2-Hexanone	10.75	43	594893	251.569 ug/l		100
60) Dibromochloromethane	10.90	129	153900	51.435 ug/l		100
61) 1,2-Dibromoethane	11.00	107	146250	52.808 ug/l		99
64) Tetrachloroethene	10.63	164	158296	47.718 ug/l		98
65) Chlorobenzene	11.43	112	376994	49.428 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	140442	53.328 ug/l		99
67) Ethyl Benzene	11.51	91	649396	48.965 ug/l		99
68) m/p-Xylenes	11.62	106	498302	98.355 ug/l		99
69) o-Xylene	11.95	106	243775	48.916 ug/l		100
70) Styrene	11.96	104	406311	51.314 ug/l		99
71) Bromoform	12.13	173	113210	51.137 ug/l	#	100
73) Isopropylbenzene	12.25	105	640536	52.598 ug/l		100
74) N-amyl acetate	12.07	43	191917	42.040 ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.50	83	196094	49.324 ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	156257m	49.586 ug/l		
77) Bromobenzene	12.53	156	177176	48.322 ug/l		94
78) n-propylbenzene	12.59	91	678646	46.841 ug/l		99
79) 2-Chlorotoluene	12.67	91	419079	52.254 ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	523856	45.495 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	42590	45.009 ug/l	#	87
82) 4-Chlorotoluene	12.77	91	398199	46.978 ug/l		99
83) tert-Butylbenzene	12.99	119	470856	52.859 ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	517784	47.419 ug/l		98
85) sec-Butylbenzene	13.17	105	601233	46.859 ug/l		100
86) p-Isopropyltoluene	13.29	119	539417	46.975 ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	277898	48.971 ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	261503	47.904 ug/l		99
89) n-Butylbenzene	13.61	91	388876	45.716 ug/l		100
90) Hexachloroethane	13.87	117	91994	53.122 ug/l		100
91) 1,2-Dichlorobenzene	13.65	146	277309	48.402 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30622	53.852 ug/l		95
93) 1,2,4-Trichlorobenzene	14.91	180	125907	40.743 ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	104606	53.374	ug/l	99
95) Naphthalene	15.13	128	322012	40.135	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	140147	43.947	ug/l	99

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

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