Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
Data File : BP002398.D
Acq On : 12 Jun 2020 14:18
Operator : CG/JU
Sample : L1161-09
Misc : MDL-MDL-W-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2020

Manual Integrations APPROVED
mohammad
6/15/2020 8:47:03 AM

Quant Time: Jun 12 15:00:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	157961	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	617905	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	379120	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	818178	20.00	ng	0.00
76) Chrysene-d12	21.10	240	792150	20.00	ng	-0.01
86) Perylene-d12	23.30	264	883948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1409902	165.16	ng	0.00
7) Phenol-d6	6.78	99	1904218	167.54	ng	0.00
23) Nitrobenzene-d5	8.73	82	1268322	122.58	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	657709	181.20	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2585488	114.67	ng	0.00
79) Terphenyl-d14	19.59	244	3473885	114.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	34127	8.679	ng	99
3) Pyridine	3.55	79	79193	7.410	ng	98
4) n-Nitrosodimethylamine	3.46	42	33653	7.641	ng	94
6) Aniline	6.92	93	129454	8.375	ng	97
8) 2-Chlorophenol	7.16	128	79427	8.275	ng	97
9) Benzaldehyde	6.73	77	75535	13.008	ng	97
10) Phenol	6.80	94	101948	8.270	ng	97
11) bis(2-Chloroethyl)ether	7.02	93	83371	8.101	ng	96
12) 1,3-Dichlorobenzene	7.48	146	86739	7.848	ng	98
13) 1,4-Dichlorobenzene	7.62	146	88961	8.000	ng	97
14) 1,2-Dichlorobenzene	7.94	146	86528	8.123	ng	95
15) Benzyl Alcohol	7.83	79	63862	7.250	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.12	45	114791	7.861	ng	99
17) 2-Methylphenol	8.04	107	65621	7.285	ng	99
18) Hexachloroethane	8.66	117	31177	7.696	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	62840	8.272	ng	97
20) 3+4-Methylphenols	8.36	107	86815	7.142	ng	97
22) Acetophenone	8.40	105	130229	9.381	ng	99
24) Nitrobenzene	8.77	77	100315	9.019	ng	98
25) Isophorone	9.30	82	175127	8.310	ng	99
26) 2-Nitrophenol	9.48	139	35880	7.239	ng	91
27) 2,4-Dimethylphenol	9.56	122	59513	7.654	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	111678	8.897	ng	98
29) 2,4-Dichlorophenol	10.02	162	67883	7.756	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	81007	8.303	ng	98
31) Naphthalene	10.41	128	253448	8.829	ng	99
32) Benzoic acid	9.63	122	14253m	2.409	ng	
33) 4-Chloroaniline	10.52	127	101131	8.070	ng	98
34) Hexachlorobutadiene	10.72	225	45208	7.941	ng	99
35) Caprolactam	11.26	113	23770	7.700	ng	94
36) 4-Chloro-3-methylphenol	11.66	107	74609	7.878	ng	100
37) 2-Methylnaphthalene	12.03	142	180531	8.860	ng	98
38) 1-Methylnaphthalene	12.26	142	170551	8.918	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	89288	8.934	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	35752	6.729 ng	94
43) 2,4,6-Trichlorophenol	12.66	196	52007	7.353 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	56678	6.920 ng	99
46) 1,1'-Biphenyl	13.06	154	236722	9.527 ng	100
47) 2-Chloronaphthalene	13.10	162	178565	8.786 ng	97
48) 2-Nitroaniline	13.30	65	45059	6.945 ng	96
49) Acenaphthylene	13.95	152	279109	8.604 ng	99
50) Dimethylphthalate	13.70	163	211870	8.156 ng	99
51) 2,6-Dinitrotoluene	13.81	165	42247	7.489 ng	93
52) Acenaphthene	14.30	154	172093	9.056 ng	96
53) 3-Nitroaniline	14.14	138	42766	6.639 ng	97
54) 2,4-Dinitrophenol	14.35	184	11875	3.838 ng	95
55) Dibenzofuran	14.64	168	273968	8.954 ng	99
56) 4-Nitrophenol	14.46	139	30820	6.026 ng	97
57) 2,4-Dinitrotoluene	14.60	165	53269	6.937 ng	95
58) Fluorene	15.29	166	213684	8.879 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	48603	7.476 ng	96
60) Diethylphthalate	15.08	149	210836	8.100 ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	109640	9.399 ng	96
62) 4-Nitroaniline	15.30	138	43782	7.073 ng	97
63) Azobenzene	15.59	77	229180	8.846 ng	95
65) 4,6-Dinitro-2-methylphenol	15.37	198	25966	6.014 ng	91
66) n-Nitrosodiphenylamine	15.51	169	188023	8.996 ng	98
67) 4-Bromophenyl-phenylether	16.19	248	62239	8.030 ng	100
68) Hexachlorobenzene	16.30	284	72333	8.795 ng	97
69) Atrazine	16.47	200	66656	9.776 ng	99
70) Pentachlorophenol	16.65	266	29034	5.901 ng	97
71) Phenanthrene	17.03	178	350122	9.148 ng	98
72) Anthracene	17.13	178	336596	8.853 ng	99
73) Carbazole	17.40	167	315192	8.427 ng	99
74) Di-n-butylphthalate	17.99	149	341154	7.708 ng	98
75) Fluoranthene	19.02	202	406466	8.897 ng	98
77) Benzidine	19.20	184	163642	9.245 ng	98
78) Pyrene	19.37	202	427441	8.809 ng	99
80) Butylbenzylphthalate	20.27	149	141847	6.576 ng	99
81) Benzo(a)anthracene	21.09	228	412591	9.125 ng	97
82) 3,3'-Dichlorobenzidine	21.02	252	143018	8.511 ng	95
83) Chrysene	21.13	228	399391	9.323 ng	96
84) Bis(2-ethylhexyl)phthalate	21.05	149	240600	7.668 ng	97
85) Di-n-octyl phthalate	21.91	149	383285	6.965 ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	461659	8.350 ng	97
88) Benzo(b)fluoranthene	22.64	252	383761	8.051 ng	97
89) Benzo(k)fluoranthene	22.68	252	423956m	9.360 ng	
90) Benzo(a)pyrene	23.20	252	357583	8.005 ng	98
91) Dibenzo(a,h)anthracene	25.52	278	392268	8.845 ng	95
92) Benzo(g,h,i)perylene	26.17	276	384454	8.370 ng	99

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

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