Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031163.D
Acq On : 21 Nov 2017 21:43
Operator : SJ/JU
Sample : I6505-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LW-01MS

Manual Integrations APPROVED
Sohil
11/22/2017 4:35:25 PM

Quant Time: Nov 22 15:37:55 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	58252	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	257765	20.00	ng		-0.02
38) Acenaphthene-d10	14.76	164	170344	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	440209	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	493096	20.00	ng		-0.01
86) Perylene-d12	25.08	264	489300	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	237033	69.78	ng		-0.01
7) Phenol-d6	7.30	99	198172	43.30	ng		0.00
23) Nitrobenzene-d5	9.31	82	393280	90.41	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	313143	113.64	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	1100979	92.87	ng		-0.02
78) Terphenyl-d14	20.09	244	1990318	89.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	23280	16.887	ng	#	81
3) Pyridine	3.95	79	49995	12.492	ng		92
4) n-Nitrosodimethylamine	3.86	42	29605	15.608	ng	#	87
6) Aniline	7.45	93	136288	22.628	ng		96
8) 2-Chlorophenol	7.70	128	148613	39.642	ng		91
9) Benzaldehyde	7.27	77	67741	21.152	ng		86
10) Phenol	7.33	94	73682	15.503	ng		91
11) bis(2-Chloroethyl)ether	7.55	93	164866	43.444	ng		89
12) 1,3-Dichlorobenzene	8.02	146	178382	40.556	ng		95
13) 1,4-Dichlorobenzene	8.17	146	182621	40.973	ng		91
14) 1,2-Dichlorobenzene	8.49	146	176517	41.261	ng		96
15) Benzyl Alcohol	8.37	79	94196	25.659	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.66	45	247892	59.139	ng		91
17) 2-Methylphenol	8.58	107	107252	32.405	ng		95
18) Hexachloroethane	9.22	117	62697	40.416	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	136711	39.287	ng	#	93
20) 3+4-Methylphenols	8.91	107	129860	27.593	ng		94
22) Acetophenone	8.96	105	271013	42.227	ng	#	92
24) Nitrobenzene	9.35	77	199330	44.859	ng		89
25) Isophorone	9.87	82	385661	45.459	ng	#	91
26) 2-Nitrophenol	10.06	139	103837	44.831	ng	#	86
27) 2,4-Dimethylphenol	10.12	122	156265	45.445	ng		90
28) bis(2-Chloroethoxy)methane	10.35	93	239303	44.787	ng		96
29) 2,4-Dichlorophenol	10.60	162	190052	46.028	ng		90
30) 1,2,4-Trichlorobenzene	10.82	180	216417	43.901	ng		98
31) Naphthalene	11.00	128	554296	43.743	ng		98
32) Benzoic acid	10.23	122	15061	10.300	ng		90
33) 4-Chloroaniline	11.11	127	175809	31.694	ng		95
34) Hexachlorobutadiene	11.28	225	136923	40.049	ng		98
35) Caprolactam	11.88	113	10626m	6.300	ng		
36) 4-Chloro-3-methylphenol	12.23	107	180936	40.262	ng	#	88
37) 2-Methylnaphthalene	12.60	142	450400	46.044	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	279823	41.389	ng		97
40) Hexachlorocyclopentadiene	12.94	237	186795	75.409	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	176391	45.638	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	187198	44.268	ng	#	94
45) 1,1'-Biphenyl	13.59	154	603262	42.707	ng		97
46) 2-Chloronaphthalene	13.64	162	483174	47.409	ng		97
47) 2-Nitroaniline	13.84	65	134454	44.510	ng	#	78
48) Acenaphthylene	14.48	152	741869	44.475	ng		98
49) Dimethylphthalate	14.21	163	656798	44.593	ng		99
50) 2,6-Dinitrotoluene	14.33	165	149246	49.162	ng	#	77
51) Acenaphthene	14.82	154	463396	44.481	ng		100
52) 3-Nitroaniline	14.66	138	114586	35.548	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	160151	94.726	ng	#	49
54) Dibenzofuran	15.15	168	768811	46.332	ng		100
55) 4-Nitrophenol	14.99	139	72313	31.493	ng	#	75
56) 2,4-Dinitrotoluene	15.12	165	216637	49.362	ng	#	74
57) Fluorene	15.80	166	605567	44.951	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	187027	46.405	ng	#	89
59) Diethylphthalate	15.56	149	654960	43.778	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	364452	44.794	ng		92
61) 4-Nitroaniline	15.83	138	149843	43.900	ng		86
62) Azobenzene	16.08	77	530370	46.483	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	120933	41.330	ng	#	75
65) n-Nitrosodiphenylamine	16.00	169	571263	42.825	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	241403	43.298	ng		99
67) Hexachlorobenzene	16.81	284	246666	41.637	ng		96
68) Atrazine	16.94	200	235337	42.759	ng		96
69) Pentachlorophenol	17.15	266	243480	74.351	ng		100
70) Phenanthrene	17.54	178	1050090	45.815	ng		97
71) Anthracene	17.63	178	1091337	47.519	ng		98
72) Carbazole	17.90	167	995823	46.276	ng		99
73) Di-n-butylphthalate	18.44	149	1162533	43.999	ng		99
74) Fluoranthene	19.55	202	1384601	47.711	ng		97
76) Benzidine	19.72	184	518449	32.732	ng		98
77) Pyrene	19.90	202	1405781	48.044	ng		97
79) Butylbenzylphthalate	20.77	149	560006	48.001	ng	#	83
80) Benzo(a)anthracene	21.76	228	1413400	46.146	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	413106	33.412	ng		98
82) Chrysene	21.83	228	1329510	46.924	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	779352	46.278	ng		98
84) Di-n-octyl phthalate	22.86	149	1325168	48.346	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1500442	43.561	ng	#	88
87) Benzo(b)fluoranthene	24.03	252	1412165	47.712	ng		98
88) Benzo(k)fluoranthene	24.09	252	1335354	45.517	ng		98
89) Benzo(a)pyrene	24.93	252	1331695	47.362	ng		99
90) Dibenzo(a,h)anthracene	28.93	278	1265097	44.020	ng		98
91) Benzo(g,h,i)perylene	30.07	276	1244623	44.621	ng		96

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

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