Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
Data File : BG033384.D
Acq On : 28 Mar 2018 5:49
Operator : SJ/JU
Sample : PB107690BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107690BSD

Manual Integrations APPROVED
Sohil
3/28/2018 4:58:31 PM

Quant Time: Mar 28 09:04:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42095	20.00	ng		-0.03
21) Naphthalene-d8	11.75	136	171119	20.00	ng		-0.03
38) Acenaphthene-d10	15.49	164	128040	20.00	ng		-0.03
63) Phenanthrene-d10	18.22	188	343461	20.00	ng		-0.02
75) Chrysene-d12	22.57	240	356599	20.00	ng		-0.03
86) Perylene-d12	26.33	264	395999	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	234680	104.54	ng		-0.03
7) Phenol-d6	7.98	99	363796	94.32	ng		-0.02
23) Nitrobenzene-d5	10.07	82	340128	91.32	ng		-0.03
41) 2,4,6-Tribromophenol	16.96	330	186097	97.18	ng		-0.03
44) 2-Fluorobiphenyl	14.12	172	819763	92.43	ng		-0.02
78) Terphenyl-d14	20.73	244	1437311	86.20	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	38742	33.983	ng		92
3) Pyridine	4.39	79	115010	36.493	ng		94
4) n-Nitrosodimethylamine	4.29	42	60956m	47.131	ng		
6) Aniline	8.16	93	88354	19.478	ng	#	96
8) 2-Chlorophenol	8.41	128	123861	48.262	ng		98
9) Benzaldehyde	7.96	77	62674m	25.568	ng		
10) Phenol	8.00	94	180813	47.479	ng		91
11) bis(2-Chloroethyl)ether	8.25	93	119202	38.348	ng		92
12) 1,3-Dichlorobenzene	8.75	146	131647	39.235	ng		96
13) 1,4-Dichlorobenzene	8.90	146	131524	39.140	ng		97
14) 1,2-Dichlorobenzene	9.23	146	123919	37.784	ng		98
15) Benzyl Alcohol	9.10	79	131898	43.431	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.39	45	193745	38.233	ng		86
17) 2-Methylphenol	9.30	107	109508	42.211	ng	#	86
18) Hexachloroethane	9.99	117	52291	40.319	ng		97
19) n-Nitroso-di-n-propylamine	9.67	70	111979	39.618	ng		95
20) 3+4-Methylphenols	9.63	107	161118	43.618	ng		93
22) Acetophenone	9.71	105	196463	41.907	ng	#	98
24) Nitrobenzene	10.12	77	168679	42.312	ng		91
25) Isophorone	10.63	82	318435	44.051	ng		98
26) 2-Nitrophenol	10.84	139	72718	48.180	ng	#	81
27) 2,4-Dimethylphenol	10.87	122	120325	54.879	ng	#	84
28) bis(2-Chloroethoxy)methane	11.11	93	169513	46.999	ng		99
29) 2,4-Dichlorophenol	11.38	162	142003	52.664	ng		96
30) 1,2,4-Trichlorobenzene	11.60	180	147894	42.216	ng		98
31) Naphthalene	11.80	128	384757	43.390	ng		98
32) Benzoic acid	11.00	122	95668m	46.937	ng		
33) 4-Chloroaniline	11.91	127	68662	17.283	ng		97
34) Hexachlorobutadiene	12.06	225	109902	41.484	ng		95
35) Caprolactam	12.65	113	49703	47.051	ng		92
36) 4-Chloro-3-methylphenol	12.96	107	169825	48.289	ng		95
37) 2-Methylnaphthalene	13.35	142	294683	42.815	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	202891	43.746	ng		98
40) Hexachlorocyclopentadiene	13.68	237	263525	96.924	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	132305	49.099	ng		94
43) 2,4,5-Trichlorophenol	14.01	196	157826	49.552	ng		99
45) 1,1'-Biphenyl	14.33	154	428658	43.576	ng		98
46) 2-Chloronaphthalene	14.39	162	326777	43.083	ng		96
47) 2-Nitroaniline	14.57	65	132802	46.746	ng		96
48) Acenaphthylene	15.22	152	531108	41.950	ng		98
49) Dimethylphthalate	14.91	163	479594	43.040	ng		97
50) 2,6-Dinitrotoluene	15.04	165	108312	47.538	ng		95
51) Acenaphthene	15.55	154	381183	46.705	ng		97
52) 3-Nitroaniline	15.39	138	54397	22.773	ng	#	97
53) 2,4-Dinitrophenol	15.58	184	96111	81.318	ng	#	73
54) Dibenzofuran	15.88	168	528102	43.806	ng		92
55) 4-Nitrophenol	15.66	139	165310	98.418	ng	#	80
56) 2,4-Dinitrotoluene	15.82	165	155046	46.217	ng	#	90
57) Fluorene	16.52	166	451682	43.979	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	153669	51.249	ng		94
59) Diethylphthalate	16.25	149	471177	43.547	ng		96
60) 4-Chlorophenyl-phenylether	16.50	204	258539	43.791	ng		100
61) 4-Nitroaniline	16.54	138	100316	41.471	ng		84
62) Azobenzene	16.79	77	453703	43.287	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	79711	38.795	ng		94
65) n-Nitrosodiphenylamine	16.71	169	413566	42.178	ng		97
66) 4-Bromophenyl-phenylether	17.39	248	171743	42.578	ng		94
67) Hexachlorobenzene	17.52	284	181775	42.701	ng		95
68) Atrazine	17.63	200	183465	46.174	ng		99
69) Pentachlorophenol	17.85	266	243403	83.307	ng		100
70) Phenanthrene	18.26	178	765265	42.782	ng		98
71) Anthracene	18.35	178	794380	43.861	ng		99
72) Carbazole	18.61	167	695572	43.340	ng		97
73) Di-n-butylphthalate	19.10	149	835625	44.732	ng	#	98
74) Fluoranthene	20.21	202	986320	44.558	ng		97
76) Benzidine	20.37	184	234977	24.298	ng		99
77) Pyrene	20.57	202	996708	41.908	ng		99
79) Butylbenzylphthalate	21.43	149	376204	42.865	ng		95
80) Benzo(a)anthracene	22.54	228	979006	43.115	ng		97
81) 3,3'-Dichlorobenzidine	22.43	252	214334	26.526	ng		98
82) Chrysene	22.62	228	913925	41.579	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	526608	43.527	ng		98
84) Di-n-octyl phthalate	23.76	149	912864	49.280	ng		97
85) Indeno(1,2,3-cd)pyrene	30.71	276	1130785	47.583	ng	#	57
87) Benzo(b)fluoranthene	25.12	252	961946	42.045	ng	#	98
88) Benzo(k)fluoranthene	25.20	252	997344	43.102	ng	#	98
89) Benzo(a)pyrene	26.15	252	970321	44.163	ng	#	97
90) Dibenzo(a,h)anthracene	30.79	278	956835	46.233	ng	#	97
91) Benzo(g,h,i)perylene	32.09	276	930307	45.394	ng	#	94

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

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