Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032160.D
Acq On : 19 Jan 2018 20:22
Operator : SJ/JU
Sample : PB105788BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105788BS

Quant Time: Jan 19 22:22:09 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	43695	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	192403	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	137901	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	352086	20.00	ng		0.00
75) Chrysene-d12	22.45	240	406765	20.00	ng		0.00
86) Perylene-d12	26.15	264	435539	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	340757	142.63	ng		0.00
7) Phenol-d6	7.85	99	424737	141.16	ng		0.00
23) Nitrobenzene-d5	9.94	82	250355	88.03	ng		0.00
41) 2,4,6-Tribromophenol	16.86	330	293679	128.70	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	893729	80.36	ng		0.00
78) Terphenyl-d14	20.65	244	1617462	87.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	22192	24.178	ng	#	78
3) Pyridine	4.28	79	71039	28.996	ng	#	79
4) n-Nitrosodimethylamine	4.18	42	43571	50.622	ng	#	79
6) Aniline	8.03	93	80473	21.204	ng		93
8) 2-Chlorophenol	8.29	128	121830	45.571	ng	#	82
9) Benzaldehyde	7.84	77	69074	39.621	ng		87
10) Phenol	7.88	94	138887	46.858	ng		97
11) bis(2-Chloroethyl)ether	8.13	93	89749	37.795	ng		84
12) 1,3-Dichlorobenzene	8.63	146	126940	36.280	ng		96
13) 1,4-Dichlorobenzene	8.78	146	132800	37.696	ng		97
14) 1,2-Dichlorobenzene	9.11	146	127803	37.507	ng		97
15) Benzyl Alcohol	8.98	79	105341	48.192	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.27	45	94477	39.149	ng		81
17) 2-Methylphenol	9.18	107	99033	43.720	ng		95
18) Hexachloroethane	9.87	117	43888	40.535	ng	#	85
19) n-Nitroso-di-n-propylamine	9.55	70	79557	42.614	ng	#	84
20) 3+4-Methylphenols	9.51	107	135301	43.117	ng		92
22) Acetophenone	9.58	105	173181	39.626	ng	#	91
24) Nitrobenzene	9.98	77	120397	42.442	ng	#	91
25) Isophorone	10.51	82	221072	41.747	ng	#	88
26) 2-Nitrophenol	10.71	139	73064	43.468	ng	#	82
27) 2,4-Dimethylphenol	10.75	122	123792	46.410	ng		97
28) bis(2-Chloroethoxy)methane	10.99	93	132124	41.412	ng	#	96
29) 2,4-Dichlorophenol	11.25	162	151758	46.238	ng		91
30) 1,2,4-Trichlorobenzene	11.48	180	166488	39.278	ng		96
31) Naphthalene	11.68	128	362974	38.083	ng		98
32) Benzoic acid	10.86	122	65599	32.556	ng	#	74
33) 4-Chloroaniline	11.77	127	70814	17.326	ng		93
34) Hexachlorobutadiene	11.95	225	116964	38.419	ng		96
35) Caprolactam	12.53	113	45148	45.342	ng	#	46
36) 4-Chloro-3-methylphenol	12.84	107	144765	48.188	ng	#	88
37) 2-Methylnaphthalene	13.24	142	306910	40.559	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	232630	38.700	ng		96
40) Hexachlorocyclopentadiene	13.57	237	315205	93.100	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	145162	42.979	ng		97
43) 2,4,5-Trichlorophenol	13.90	196	160783	41.127	ng	#	91
45) 1,1'-Biphenyl	14.22	154	443334	37.501	ng		97
46) 2-Chloronaphthalene	14.27	162	347603	37.796	ng		96
47) 2-Nitroaniline	14.46	65	81099	46.063	ng	#	73
48) Acenaphthylene	15.11	152	522335	37.297	ng		100
49) Dimethylphthalate	14.81	163	472781	39.178	ng		99
50) 2,6-Dinitrotoluene	14.94	165	106853	42.659	ng	#	73
51) Acenaphthene	15.45	154	398830	43.068	ng		97
52) 3-Nitroaniline	15.26	138	56873	25.140	ng	#	79
53) 2,4-Dinitrophenol	15.47	184	123846	96.949	ng	#	57
54) Dibenzofuran	15.78	168	552365	39.985	ng		99
55) 4-Nitrophenol	15.55	139	151635	91.973	ng	#	79
56) 2,4-Dinitrotoluene	15.72	165	150439	44.611	ng	#	68
57) Fluorene	16.42	166	445826	39.350	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.99	232	171609	47.451	ng	#	85
59) Diethylphthalate	16.15	149	454277	38.831	ng		95
60) 4-Chlorophenyl-phenylether	16.39	204	285341	41.056	ng		92
61) 4-Nitroaniline	16.42	138	87803	40.460	ng		90
62) Azobenzene	16.69	77	300920	41.096	ng		88
64) 4,6-Dinitro-2-methylphenol	16.48	198	92205	41.636	ng	#	66
65) n-Nitrosodiphenylamine	16.60	169	415967	38.934	ng		98
66) 4-Bromophenyl-phenylether	17.29	248	205041	40.930	ng		94
67) Hexachlorobenzene	17.42	284	206016	37.172	ng	#	91
68) Atrazine	17.53	200	192108	42.757	ng		96
69) Pentachlorophenol	17.75	266	265552	74.961	ng		98
70) Phenanthrene	18.16	178	764699	39.010	ng		100
71) Anthracene	18.25	178	782444	40.020	ng		99
72) Carbazole	18.50	167	677066	39.920	ng		99
73) Di-n-butylphthalate	19.01	149	766794	38.260	ng		100
74) Fluoranthene	20.12	202	1001541	40.806	ng		94
76) Benzidine	20.28	184	373224	36.693	ng		98
77) Pyrene	20.48	202	1003109	39.229	ng		98
79) Butylbenzylphthalate	21.34	149	343704	37.515	ng	#	75
80) Benzo(a)anthracene	22.43	228	1032543	40.817	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	236573	25.034	ng	#	98
82) Chrysene	22.50	228	968637	39.871	ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	473552	35.248	ng	#	98
84) Di-n-octyl phthalate	23.65	149	808877	37.908	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.44	276	1264804	42.541	ng	#	79
87) Benzo(b)fluoranthene	24.97	252	1094680	41.582	ng	#	96
88) Benzo(k)fluoranthene	25.04	252	1033345	40.169	ng	#	97
89) Benzo(a)pyrene	25.98	252	1049585	42.146	ng	#	95
90) Dibenzo(a,h)anthracene	30.52	278	1051558	43.819	ng	#	94
91) Benzo(g,h,i)perylene	31.80	276	1058171	43.141	ng	#	93

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

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