Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033817.D
Acq On : 16 Apr 2018 15:35
Operator : SJ/JU
Sample : PB108223BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108223BS

Manual Integrations APPROVED
Sohil
4/17/2018 5:20:30 PM

Quant Time: Apr 16 16:14:03 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 11:44:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31511	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	148845	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	119748	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	325965	20.00	ng		0.00
75) Chrysene-d12	22.55	240	339751	20.00	ng		0.00
86) Perylene-d12	26.32	264	363297	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	287923m	171.33	ng		-0.01
7) Phenol-d6	7.98	99	460614m	159.53	ng		0.00
23) Nitrobenzene-d5	10.06	82	296640	91.56	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	241253	134.71	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	764719	92.19	ng		0.00
78) Terphenyl-d14	20.73	244	1499162	94.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.91	88	33291	39.009	ng	#	93
3) Pyridine	4.38	79	89175m	37.800	ng		
4) n-Nitrosodimethylamine	4.31	42	48532m	50.129	ng		
6) Aniline	8.16	93	90986	26.796	ng	#	86
8) 2-Chlorophenol	8.41	128	103290	53.765	ng		97
9) Benzaldehyde	7.96	77	68462m	37.310	ng		
10) Phenol	8.02	94	152183m	53.383	ng		
11) bis(2-Chloroethyl)ether	8.24	93	104105	44.740	ng		93
12) 1,3-Dichlorobenzene	8.74	146	108752	43.298	ng		98
13) 1,4-Dichlorobenzene	8.89	146	108749	43.233	ng		96
14) 1,2-Dichlorobenzene	9.21	146	108266	44.099	ng		95
15) Benzyl Alcohol	9.11	79	78968	34.736	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.37	45	199768	52.663	ng		83
17) 2-Methylphenol	9.31	107	74572	38.399	ng	#	89
18) Hexachloroethane	9.96	117	45693	47.065	ng		93
19) n-Nitroso-di-n-propylamine	9.66	70	103417	48.879	ng	#	97
20) 3+4-Methylphenols	9.65	107	113792	41.153	ng		90
22) Acetophenone	9.70	105	161723	39.659	ng	#	93
24) Nitrobenzene	10.11	77	136919	39.485	ng	#	87
25) Isophorone	10.61	82	264876	42.126	ng		97
26) 2-Nitrophenol	10.83	139	61092	46.534	ng	#	82
27) 2,4-Dimethylphenol	10.87	122	85735	44.954	ng		90
28) bis(2-Chloroethoxy)methane	11.10	93	137364	43.785	ng		97
29) 2,4-Dichlorophenol	11.39	162	107017	45.628	ng		98
30) 1,2,4-Trichlorobenzene	11.59	180	125253	41.103	ng		97
31) Naphthalene	11.78	128	338964	43.946	ng		98
32) Benzoic acid	11.00	122	15883m	8.959	ng		
33) 4-Chloroaniline	11.91	127	36180	10.470	ng	#	92
34) Hexachlorobutadiene	12.04	225	97004	42.095	ng		95
35) Caprolactam	12.64	113	39820	43.336	ng	#	81
36) 4-Chloro-3-methylphenol	12.98	107	141721	46.328	ng		94
37) 2-Methylnaphthalene	13.34	142	241292	40.304	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	170463	39.299	ng		98
40) Hexachlorocyclopentadiene	13.66	237	176817	69.536	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	109970	43.636	ng		99
43) 2,4,5-Trichlorophenol	14.02	196	116257	39.028	ng		98
45) 1,1'-Biphenyl	14.31	154	385603	41.914	ng		99
46) 2-Chloronaphthalene	14.37	162	301413	42.491	ng		96
47) 2-Nitroaniline	14.58	65	123358	46.428	ng		90
48) Acenaphthylene	15.20	152	488157	41.227	ng		99
49) Dimethylphthalate	14.90	163	439820	42.204	ng		99
50) 2,6-Dinitrotoluene	15.03	165	96086	45.092	ng		91
51) Acenaphthene	15.53	154	315763	41.368	ng		95
52) 3-Nitroaniline	15.39	138	50104	22.428	ng	#	92
53) 2,4-Dinitrophenol	15.59	184	38609	39.288	ng		92
54) Dibenzofuran	15.87	168	487465	43.235	ng		92
55) 4-Nitrophenol	15.70	139	122525	77.997	ng		89
56) 2,4-Dinitrotoluene	15.82	165	142270	45.345	ng		95
57) Fluorene	16.51	166	395625	41.188	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	129998	46.357	ng		98
59) Diethylphthalate	16.23	149	446473	44.121	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	237631	43.037	ng		97
61) 4-Nitroaniline	16.56	138	73382	32.437	ng		87
62) Azobenzene	16.77	77	451128	46.021	ng		96
64) 4,6-Dinitro-2-methylphenol	16.57	198	59913	30.724	ng		92
65) n-Nitrosodiphenylamine	16.70	169	389915	41.900	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	155952	40.738	ng		92
67) Hexachlorobenzene	17.50	284	166947	41.322	ng	#	93
68) Atrazine	17.62	200	181059	48.015	ng		96
69) Pentachlorophenol	17.85	266	194165	70.021	ng		98
70) Phenanthrene	18.25	178	678429	39.963	ng		98
71) Anthracene	18.34	178	681276	39.635	ng		99
72) Carbazole	18.61	167	685941	45.033	ng		97
73) Di-n-butylphthalate	19.09	149	829147	46.767	ng	#	98
74) Fluoranthene	20.20	202	893457	42.530	ng		98
76) Benzidine	20.37	184	335064	36.366	ng		98
77) Pyrene	20.56	202	925190	40.830	ng		98
79) Butylbenzylphthalate	21.41	149	371372	44.413	ng		98
80) Benzo(a)anthracene	22.53	228	869971	40.213	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	163631	21.255	ng		98
82) Chrysene	22.61	228	850524	40.614	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	514384	44.625	ng		98
84) Di-n-octyl phthalate	23.74	149	885886	50.195	ng		99
85) Indeno(1,2,3-cd)pyrene	30.71	276	977416	43.169	ng	#	89
87) Benzo(b)fluoranthene	25.11	252	816830	38.916	ng	#	95
88) Benzo(k)fluoranthene	25.19	252	858212	40.428	ng	#	98
89) Benzo(a)pyrene	26.14	252	828020	41.079	ng	#	97
90) Dibenzo(a,h)anthracene	30.78	278	806427	42.473	ng		99
91) Benzo(g,h,i)perylene	32.11	276	798944	42.494	ng	#	95

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

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