Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035926.D
Acq On : 27 Jul 2018 2:22
Operator : JU/SJ
Sample : PB111478BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111478BSD

Manual Integrations APPROVED
Sohil
7/27/2018 2:04:20 PM

Quant Time: Jul 27 08:03:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33071	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	132651	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	100889	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	286003	20.00	ng		0.00
75) Chrysene-d12	21.66	240	304473	20.00	ng		0.00
86) Perylene-d12	24.86	264	292273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	270353	135.72	ng		0.00
7) Phenol-d6	7.20	99	399044	134.27	ng		0.00
23) Nitrobenzene-d5	9.19	82	249417	78.55	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	193600	145.59	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	608885	80.86	ng		0.00
78) Terphenyl-d14	20.00	244	1191357	86.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	31766	31.333	ng	#	76
3) Pyridine	3.91	79	90950	34.363	ng	#	73
4) n-Nitrosodimethylamine	3.83	42	37044	32.597	ng	#	62
6) Aniline	7.35	93	103771	26.939	ng		98
8) 2-Chlorophenol	7.59	128	92050	45.436	ng		98
9) Benzaldehyde	7.16	77	63513	34.830	ng		94
10) Phenol	7.22	94	139108	46.330	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	88793	37.761	ng		85
12) 1,3-Dichlorobenzene	7.92	146	100498	41.078	ng		96
13) 1,4-Dichlorobenzene	8.06	146	102934	41.410	ng		92
14) 1,2-Dichlorobenzene	8.38	146	96482	40.403	ng		92
15) Benzyl Alcohol	8.26	79	105474	39.081	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99089	50.264	ng		77
17) 2-Methylphenol	8.47	107	93309	45.707	ng		92
18) Hexachloroethane	9.10	117	38208	40.201	ng		88
19) n-Nitroso-di-n-propylamine	8.83	70	86305	34.486	ng	#	85
20) 3+4-Methylphenols	8.80	107	128229	45.278	ng		96
22) Acetophenone	8.85	105	157157	38.098	ng	#	93
24) Nitrobenzene	9.23	77	126701	39.675	ng		95
25) Isophorone	9.75	82	243969	41.389	ng		99
26) 2-Nitrophenol	9.94	139	54155	47.749	ng	#	91
27) 2,4-Dimethylphenol	10.00	122	97664	50.871	ng		88
28) bis(2-Chloroethoxy)methane	10.23	93	132602	40.825	ng		94
29) 2,4-Dichlorophenol	10.48	162	107842	49.209	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	114494	42.606	ng		99
31) Naphthalene	10.88	128	279618	40.466	ng		95
32) Benzoic acid	10.16	122	44802m	34.666	ng		
33) 4-Chloroaniline	11.00	127	38422	12.758	ng	#	91
34) Hexachlorobutadiene	11.16	225	87255	41.639	ng		99
35) Caprolactam	11.76	113	38413m	40.845	ng		
36) 4-Chloro-3-methylphenol	12.11	107	133950	45.600	ng		94
37) 2-Methylnaphthalene	12.48	142	229727	44.625	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	154392	40.545	ng		99
40) Hexachlorocyclopentadiene	12.83	237	191856	96.071	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	105505	47.378	ng		92
43) 2,4,5-Trichlorophenol	13.17	196	115213	46.248	ng		96
45) 1,1'-Biphenyl	13.49	154	315901	40.387	ng		96
46) 2-Chloronaphthalene	13.53	162	255847	42.051	ng		100
47) 2-Nitroaniline	13.73	65	90796	42.212	ng		98
48) Acenaphthylene	14.37	152	434010	42.585	ng		98
49) Dimethylphthalate	14.10	163	364134	41.195	ng	#	96
50) 2,6-Dinitrotoluene	14.23	165	84670	47.038	ng		88
51) Acenaphthene	14.71	154	249605	39.315	ng		99
52) 3-Nitroaniline	14.55	138	42965	23.354	ng	#	95
53) 2,4-Dinitrophenol	14.77	184	83003	88.875	ng	#	61
54) Dibenzofuran	15.05	168	423222	41.916	ng		92
55) 4-Nitrophenol	14.88	139	116765	89.120	ng	#	86
56) 2,4-Dinitrotoluene	15.01	165	122617	47.482	ng		87
57) Fluorene	15.69	166	357403	42.233	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	113943	47.704	ng		95
59) Diethylphthalate	15.47	149	372527	40.986	ng		96
60) 4-Chlorophenyl-phenylether	15.69	204	208542	41.927	ng		96
61) 4-Nitroaniline	15.72	138	83126	43.194	ng	#	83
62) Azobenzene	15.98	77	368704	41.125	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	73779	46.341	ng		83
65) n-Nitrosodiphenylamine	15.90	169	323720	39.766	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	140863	42.453	ng		99
67) Hexachlorobenzene	16.70	284	148530	43.467	ng		95
68) Atrazine	16.85	200	150520	44.908	ng		97
69) Pentachlorophenol	17.05	266	144450	69.404	ng		97
70) Phenanthrene	17.44	178	604635	42.368	ng		98
71) Anthracene	17.53	178	611626	43.042	ng		99
72) Carbazole	17.80	167	561181	41.584	ng		99
73) Di-n-butylphthalate	18.35	149	645786	40.495	ng	#	98
74) Fluoranthene	19.44	202	797692	41.497	ng		96
76) Benzidine	19.62	184	329926	41.217	ng		98
77) Pyrene	19.81	202	794248	41.255	ng		100
79) Butylbenzylphthalate	20.69	149	290695	42.224	ng		93
80) Benzo(a)anthracene	21.64	228	795530	41.927	ng		100
81) 3,3'-Dichlorobenzidine	21.55	252	162206	24.518	ng		99
82) Chrysene	21.70	228	742677	42.239	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	403934	43.157	ng		99
84) Di-n-octyl phthalate	22.74	149	689918	44.023	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.51	276	846682	43.494	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	754491	42.472	ng	#	95
88) Benzo(k)fluoranthene	23.91	252	740693	42.649	ng	#	97
89) Benzo(a)pyrene	24.71	252	726747	43.975	ng	#	98
90) Dibenzo(a,h)anthracene	28.56	278	707422	43.601	ng	#	97
91) Benzo(g,h,i)perylene	29.63	276	704910	44.399	ng	#	95

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

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