Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036097.D
Acq On : 3 Aug 2018 16:56
Operator : JU/SJ
Sample : PB111737BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111737BSD

Manual Integrations APPROVED
Sohil
8/6/2018 9:57:42 AM

Quant Time: Aug 03 18:55:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	23787	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	94938	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	71675	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	209416	20.00	ng		0.00
75) Chrysene-d12	21.65	240	238925	20.00	ng		0.00
86) Perylene-d12	24.85	264	223788	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	202070	141.04	ng		0.00
7) Phenol-d6	7.19	99	292322	136.75	ng		0.00
23) Nitrobenzene-d5	9.18	82	190390	83.78	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	143575	151.98	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	458132	85.63	ng		0.00
78) Terphenyl-d14	19.99	244	1000274	92.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	26944	36.949	ng	#	78
3) Pyridine	3.90	79	68808	36.144	ng	#	76
4) n-Nitrosodimethylamine	3.82	42	29937	36.624	ng	#	79
6) Aniline	7.35	93	89515	32.308	ng		96
8) 2-Chlorophenol	7.59	128	66632	45.727	ng		96
9) Benzaldehyde	7.16	77	40516	30.890	ng		92
10) Phenol	7.22	94	97042	44.934	ng		94
11) bis(2-Chloroethyl)ether	7.44	93	69768	41.251	ng		88
12) 1,3-Dichlorobenzene	7.91	146	77559	44.075	ng		93
13) 1,4-Dichlorobenzene	8.06	146	80871	45.232	ng		91
14) 1,2-Dichlorobenzene	8.37	146	76600	44.597	ng		98
15) Benzyl Alcohol	8.26	79	74904	38.587	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	74746	52.714	ng		72
17) 2-Methylphenol	8.46	107	64595	43.992	ng	#	89
18) Hexachloroethane	9.10	117	30179	44.146	ng		89
19) n-Nitroso-di-n-propylamine	8.82	70	61642	34.244	ng	#	85
20) 3+4-Methylphenols	8.79	107	87784	43.095	ng		94
22) Acetophenone	8.84	105	116612	39.499	ng	#	86
24) Nitrobenzene	9.23	77	94487	41.341	ng		94
25) Isophorone	9.74	82	176839	41.917	ng		98
26) 2-Nitrophenol	9.94	139	40316	49.667	ng	#	92
27) 2,4-Dimethylphenol	10.00	122	66256	48.221	ng		82
28) bis(2-Chloroethoxy)methane	10.23	93	93178	40.083	ng		99
29) 2,4-Dichlorophenol	10.48	162	77666	49.518	ng		87
30) 1,2,4-Trichlorobenzene	10.68	180	86334	44.889	ng		93
31) Naphthalene	10.87	128	209405	42.343	ng		98
32) Benzoic acid	10.17	122	20378m	22.031	ng		
33) 4-Chloroaniline	10.99	127	57431	26.645	ng	#	88
34) Hexachlorobutadiene	11.15	225	68390	45.601	ng		95
35) Caprolactam	11.76	113	26867m	39.916	ng		
36) 4-Chloro-3-methylphenol	12.10	107	93148	44.306	ng		95
37) 2-Methylnaphthalene	12.48	142	164968	44.775	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	113369	41.907	ng		97
40) Hexachlorocyclopentadiene	12.82	237	136836	96.448	ng		91

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	72379	45.750	ng		89
43) 2,4,5-Trichlorophenol	13.16	196	81907	46.280	ng		95
45) 1,1'-Biphenyl	13.48	154	226541	40.767	ng		98
46) 2-Chloronaphthalene	13.52	162	180972	41.868	ng		98
47) 2-Nitroaniline	13.73	65	64644	42.303	ng		96
48) Acenaphthylene	14.37	152	307192	42.427	ng		97
49) Dimethylphthalate	14.10	163	260663	41.508	ng	#	99
50) 2,6-Dinitrotoluene	14.22	165	59190	46.286	ng		94
51) Acenaphthene	14.71	154	176490	39.130	ng		99
52) 3-Nitroaniline	14.55	138	44392	33.964	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	37339	58.690	ng	#	68
54) Dibenzofuran	15.04	168	310443	43.278	ng		94
55) 4-Nitrophenol	14.87	139	71208	76.501	ng	#	81
56) 2,4-Dinitrotoluene	15.01	165	91440	49.842	ng	#	84
57) Fluorene	15.69	166	258423	42.983	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	85256	50.242	ng		90
59) Diethylphthalate	15.46	149	267550	41.434	ng		97
60) 4-Chlorophenyl-phenylether	15.68	204	149626	42.343	ng		98
61) 4-Nitroaniline	15.72	138	61327	44.856	ng	#	85
62) Azobenzene	15.98	77	264923	41.593	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	46706	40.065	ng		87
65) n-Nitrosodiphenylamine	15.90	169	231304	38.804	ng		97
66) 4-Bromophenyl-phenylether	16.58	248	103555	42.623	ng		97
67) Hexachlorobenzene	16.70	284	108717	43.452	ng		94
68) Atrazine	16.85	200	109423	44.586	ng		94
69) Pentachlorophenol	17.05	266	88313	57.950	ng		97
70) Phenanthrene	17.43	178	446499	42.729	ng		98
71) Anthracene	17.52	178	451459	43.389	ng		96
72) Carbazole	17.80	167	418925	42.396	ng		98
73) Di-n-butylphthalate	18.34	149	483628	41.417	ng		98
74) Fluoranthene	19.44	202	612253	43.498	ng		97
76) Benzidine	19.62	184	237115	37.749	ng		98
77) Pyrene	19.80	202	611847	40.500	ng		97
79) Butylbenzylphthalate	20.68	149	226375	41.902	ng		98
80) Benzo(a)anthracene	21.63	228	629446	42.275	ng		100
81) 3,3'-Dichlorobenzidine	21.55	252	170794	32.898	ng		97
82) Chrysene	21.70	228	588806	42.675	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	307573	41.877	ng	#	99
84) Di-n-octyl phthalate	22.73	149	532930	43.336	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	629103	41.183	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	588752	43.285	ng	#	95
88) Benzo(k)fluoranthene	23.90	252	587497	44.181	ng	#	95
89) Benzo(a)pyrene	24.69	252	575501	45.480	ng	#	97
90) Dibenzo(a,h)anthracene	28.55	278	527893	42.493	ng	#	96
91) Benzo(g,h,i)perylene	29.63	276	516901	42.521	ng	#	93

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

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