Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
Data File : BG035985.D
Acq On : 30 Jul 2018 20:52
Operator : JU/SJ
Sample : PB111594BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Manual Integrations APPROVED
Sohil
7/31/2018 2:39:55 PM

Quant Time: Jul 31 01:48:11 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	8.02	152	34428	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	140036	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	112324	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	309597	20.00	ng		0.00
75) Chrysene-d12	21.66	240	320620	20.00	ng		0.00
86) Perylene-d12	24.85	264	313753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	216961	104.63	ng		0.00
7) Phenol-d6	7.20	99	325829	105.31	ng		0.00
23) Nitrobenzene-d5	9.19	82	324868	96.91	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	167644	113.23	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	800012	95.42	ng		0.00
78) Terphenyl-d14	20.00	244	1337414	91.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	32194	30.503	ng	#	76
3) Pyridine	3.91	79	98159	35.625	ng	#	73
4) n-Nitrosodimethylamine	3.82	42	43880	37.090	ng	#	68
6) Aniline	7.35	93	119919	29.904	ng		96
8) 2-Chlorophenol	7.59	128	114315	54.202	ng		96
9) Benzaldehyde	7.17	77	68865	36.276	ng		94
10) Phenol	7.22	94	171989	55.023	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	107750	44.017	ng		88
12) 1,3-Dichlorobenzene	7.91	146	116434	45.716	ng		97
13) 1,4-Dichlorobenzene	8.06	146	120384	46.521	ng		98
14) 1,2-Dichlorobenzene	8.38	146	116201	46.743	ng		96
15) Benzyl Alcohol	8.26	79	132247	47.070	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	122345	59.614	ng		77
17) 2-Methylphenol	8.46	107	113621	53.463	ng	#	92
18) Hexachloroethane	9.10	117	45931	46.422	ng		95
19) n-Nitroso-di-n-propylamine	8.82	70	108282	41.562	ng	#	84
20) 3+4-Methylphenols	8.79	107	158711	53.832	ng		93
22) Acetophenone	8.85	105	199445	45.800	ng	#	90
24) Nitrobenzene	9.23	77	162799	48.291	ng		95
25) Isophorone	9.74	82	322671	51.853	ng		99
26) 2-Nitrophenol	9.94	139	68389	57.119	ng	#	84
27) 2,4-Dimethylphenol	10.00	122	124453	61.406	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	169212	49.349	ng		97
29) 2,4-Dichlorophenol	10.48	162	141085	60.983	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	148624	52.390	ng		94
31) Naphthalene	10.88	128	360817	49.463	ng		99
32) Benzoic acid	10.19	122	42179m	30.915	ng		
33) 4-Chloroaniline	10.99	127	44898	14.122	ng	#	90
34) Hexachlorobutadiene	11.15	225	109316	49.416	ng		93
35) Caprolactam	11.77	113	50630m	50.997	ng		
36) 4-Chloro-3-methylphenol	12.11	107	178023	57.407	ng		92
37) 2-Methylnaphthalene	12.48	142	293854	54.071	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	203736	48.057	ng		99
40) Hexachlorocyclopentadiene	12.82	237	245427	110.385	ng		97

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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	13.09	196	131475	53.030	ng		99
43) 2,4,5-Trichlorophenol	13.16	196	146775	52.919	ng		97
45) 1,1'-Biphenyl	13.48	154	416735	47.854	ng		96
46) 2-Chloronaphthalene	13.53	162	331166	48.889	ng		98
47) 2-Nitroaniline	13.73	65	119467	49.887	ng		91
48) Acenaphthylene	14.37	152	565785	49.863	ng		97
49) Dimethylphthalate	14.10	163	485249	49.308	ng		98
50) 2,6-Dinitrotoluene	14.23	165	112906	56.339	ng	#	88
51) Acenaphthene	14.71	154	329700	46.644	ng		98
52) 3-Nitroaniline	14.56	138	50660	24.733	ng	#	92
53) 2,4-Dinitrophenol	14.77	184	72241	70.914	ng	#	63
54) Dibenzofuran	15.04	168	559352	49.758	ng		95
55) 4-Nitrophenol	14.87	139	141582	97.060	ng	#	88
56) 2,4-Dinitrotoluene	15.01	165	163250	56.781	ng		88
57) Fluorene	15.70	166	470179	49.903	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	156460	58.836	ng	#	90
59) Diethylphthalate	15.46	149	490832	48.504	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	276728	49.972	ng		96
61) 4-Nitroaniline	15.72	138	104612	48.825	ng	#	81
62) Azobenzene	15.98	77	482281	48.317	ng		96
64) 4,6-Dinitro-2-methylphenol	15.78	198	82814	48.052	ng		83
65) n-Nitrosodiphenylamine	15.90	169	426758	48.428	ng		95
66) 4-Bromophenyl-phenylether	16.58	248	188219	52.402	ng		94
67) Hexachlorobenzene	16.70	284	194070	52.467	ng		95
68) Atrazine	16.85	200	194073	53.489	ng		96
69) Pentachlorophenol	17.05	266	168124	74.622	ng		98
70) Phenanthrene	17.43	178	776269	50.249	ng		98
71) Anthracene	17.53	178	798117	51.885	ng		99
72) Carbazole	17.79	167	709609	48.576	ng		99
73) Di-n-butylphthalate	18.34	149	815767	47.255	ng	#	98
74) Fluoranthene	19.44	202	988883	47.523	ng		95
76) Benzidine	19.62	184	328165	38.932	ng		97
77) Pyrene	19.80	202	987979	48.733	ng		97
79) Butylbenzylphthalate	20.68	149	367993	50.759	ng		97
80) Benzo(a)anthracene	21.64	228	1003624	50.231	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	219963	31.574	ng	#	93
82) Chrysene	21.70	228	941596	50.856	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	521753	52.937	ng		99
84) Di-n-octyl phthalate	22.73	149	877248	53.158	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	1064669	51.938	ng	#	74
87) Benzo(b)fluoranthene	23.84	252	959155	50.297	ng	#	95
88) Benzo(k)fluoranthene	23.91	252	921661	49.436	ng	#	97
89) Benzo(a)pyrene	24.71	252	921156	51.922	ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	879179	50.478	ng	#	96
91) Benzo(g,h,i)perylene	29.64	276	881457	51.718	ng	#	95

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

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