Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036187.D
Acq On : 8 Aug 2018 8:08
Operator : JU/SJ
Sample : PB111825BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111825BS

Manual Integrations APPROVED
Sohil
8/8/2018 5:34:43 PM

Quant Time: Aug 08 08:47:24 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	8.00	152	26293	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	101796	20.00	ng		-0.03
38) Acenaphthene-d10	14.64	164	72466	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	214023	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	236700	20.00	ng		-0.01
86) Perylene-d12	24.82	264	235131	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	212604	134.25	ng		0.00
7) Phenol-d6	7.18	99	306106	129.55	ng		-0.01
23) Nitrobenzene-d5	9.17	82	200901	82.45	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	159430	166.92	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	471277	87.13	ng		-0.02
78) Terphenyl-d14	19.99	244	1013814	94.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	28643	35.535	ng	#	70
3) Pyridine	3.90	79	74450	35.380	ng	#	76
4) n-Nitrosodimethylamine	3.82	42	33723	37.324	ng	#	70
6) Aniline	7.34	93	95091	31.049	ng		96
8) 2-Chlorophenol	7.58	128	70552	43.802	ng		97
9) Benzaldehyde	7.15	77	40226	27.746	ng		96
10) Phenol	7.21	94	102095	42.768	ng		92
11) bis(2-Chloroethyl)ether	7.43	93	71994	38.510	ng		91
12) 1,3-Dichlorobenzene	7.90	146	82402m	42.364	ng		
13) 1,4-Dichlorobenzene	8.04	146	83410	42.205	ng		96
14) 1,2-Dichlorobenzene	8.36	146	79485	41.866	ng		96
15) Benzyl Alcohol	8.25	79	78504	36.587	ng		86
16) 2,2'-oxybis(1-Chloropropan	8.53	45	75334	48.065	ng		69
17) 2-Methylphenol	8.46	107	68259	42.056	ng	#	88
18) Hexachloroethane	9.09	117	30317	40.121	ng		89
19) n-Nitroso-di-n-propylamine	8.81	70	64404	32.368	ng	#	83
20) 3+4-Methylphenols	8.79	107	91871	40.802	ng		94
22) Acetophenone	8.83	105	121591	38.411	ng	#	90
24) Nitrobenzene	9.21	77	101557	41.441	ng		92
25) Isophorone	9.73	82	177299	39.195	ng		97
26) 2-Nitrophenol	9.93	139	41757	47.977	ng	#	89
27) 2,4-Dimethylphenol	9.98	122	74208	50.370	ng		92
28) bis(2-Chloroethoxy)methane	10.21	93	97477	39.107	ng		98
29) 2,4-Dichlorophenol	10.47	162	80395	47.804	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	90435	43.854	ng		96
31) Naphthalene	10.86	128	219465	41.388	ng		98
32) Benzoic acid	10.16	122	27212m	27.437	ng		
33) 4-Chloroaniline	10.98	127	56090	24.269	ng		93
34) Hexachlorobutadiene	11.14	225	70666	43.945	ng		94
35) Caprolactam	11.76	113	20951	29.030	ng	#	71
36) 4-Chloro-3-methylphenol	12.10	107	98426	43.663	ng		95
37) 2-Methylnaphthalene	12.46	142	172308	43.616	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	121486	44.417	ng		99
40) Hexachlorocyclopentadiene	12.80	237	152096	106.034	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	76519	47.839	ng		96
43) 2,4,5-Trichlorophenol	13.16	196	82391	46.045	ng		95
45) 1,1'-Biphenyl	13.47	154	235616	41.938	ng		99
46) 2-Chloronaphthalene	13.51	162	192803	44.119	ng		98
47) 2-Nitroaniline	13.72	65	65725	42.541	ng		95
48) Acenaphthylene	14.35	152	318878	43.560	ng		98
49) Dimethylphthalate	14.09	163	262034	41.271	ng		99
50) 2,6-Dinitrotoluene	14.21	165	61665	47.695	ng		93
51) Acenaphthene	14.70	154	184866	40.539	ng		98
52) 3-Nitroaniline	14.55	138	41938	31.736	ng	#	92
53) 2,4-Dinitrophenol	14.75	184	52839	79.517	ng	#	68
54) Dibenzofuran	15.03	168	316055	43.579	ng		95
55) 4-Nitrophenol	14.87	139	70386	74.792	ng	#	85
56) 2,4-Dinitrotoluene	15.00	165	93386	50.347	ng	#	84
57) Fluorene	15.68	166	266152	43.786	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	87621	51.072	ng		96
59) Diethylphthalate	15.45	149	275112	42.140	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	151819	42.495	ng		96
61) 4-Nitroaniline	15.71	138	56410	40.809	ng	#	78
62) Azobenzene	15.96	77	272258	42.278	ng		94
64) 4,6-Dinitro-2-methylphenol	15.76	198	53229	44.678	ng		83
65) n-Nitrosodiphenylamine	15.89	169	241925	39.713	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	106898	43.051	ng		96
67) Hexachlorobenzene	16.69	284	111921	43.770	ng		92
68) Atrazine	16.83	200	111844	44.591	ng		97
69) Pentachlorophenol	17.03	266	103194	66.257	ng		96
70) Phenanthrene	17.42	178	457924	42.879	ng		99
71) Anthracene	17.51	178	462227	43.468	ng		98
72) Carbazole	17.79	167	419319	41.522	ng		98
73) Di-n-butylphthalate	18.33	149	485870	40.714	ng	#	98
74) Fluoranthene	19.43	202	619745	43.083	ng		96
76) Benzidine	19.61	184	219316	35.243	ng		97
77) Pyrene	19.79	202	626106	41.833	ng		98
79) Butylbenzylphthalate	20.67	149	231667	43.284	ng		95
80) Benzo(a)anthracene	21.62	228	634787	43.035	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	166493	32.371	ng	#	95
82) Chrysene	21.69	228	588538	43.057	ng		97
83) Bis(2-ethylhexyl)phthalate	21.52	149	313482	43.082	ng	#	98
84) Di-n-octyl phthalate	22.71	149	542597	44.536	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	658216	43.494	ng	#	84
87) Benzo(b)fluoranthene	23.82	252	599682	41.962	ng	#	94
88) Benzo(k)fluoranthene	23.88	252	583654	41.774	ng	#	97
89) Benzo(a)pyrene	24.68	252	575355	43.275	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	549316	42.084	ng	#	94
91) Benzo(g,h,i)perylene	29.59	276	546886	42.817	ng	#	95

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

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