Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036235.D
Acq On : 9 Aug 2018 16:19
Operator : JU/SJ
Sample : PB111891BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111891BS

Manual Integrations APPROVED
Sohil
8/10/2018 4:01:45 PM

Quant Time: Aug 10 05:00:41 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	8.01	152	28911	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	114337	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	83847	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	230245	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	248829	20.00	ng		-0.02
86) Perylene-d12	24.83	264	221900	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	245838	141.17	ng		0.00
7) Phenol-d6	7.18	99	352276	135.59	ng		-0.01
23) Nitrobenzene-d5	9.17	82	231327	84.52	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	176647	159.84	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	541911	86.59	ng		-0.02
78) Terphenyl-d14	19.99	244	1069589	94.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	27628	31.172	ng	#	79
3) Pyridine	3.90	79	76418	33.027	ng	#	70
4) n-Nitrosodimethylamine	3.81	42	36279	36.517	ng	#	82
6) Aniline	7.34	93	116028	34.455	ng		95
8) 2-Chlorophenol	7.58	128	86111	48.621	ng		90
9) Benzaldehyde	7.16	77	48445	30.389	ng		93
10) Phenol	7.21	94	125058	47.643	ng		91
11) bis(2-Chloroethyl)ether	7.43	93	81582	39.687	ng		89
12) 1,3-Dichlorobenzene	7.90	146	98880	46.233	ng		96
13) 1,4-Dichlorobenzene	8.04	146	102007	46.942	ng		92
14) 1,2-Dichlorobenzene	8.36	146	93979	45.018	ng		95
15) Benzyl Alcohol	8.25	79	97116	41.162	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.53	45	88189	51.171	ng		71
17) 2-Methylphenol	8.46	107	84911	47.579	ng	#	93
18) Hexachloroethane	9.08	117	37931	45.652	ng		86
19) n-Nitroso-di-n-propylamine	8.81	70	78833	36.032	ng	#	86
20) 3+4-Methylphenols	8.78	107	111907	45.200	ng		90
22) Acetophenone	8.83	105	147086	41.368	ng	#	94
24) Nitrobenzene	9.21	77	118912	43.200	ng		96
25) Isophorone	9.73	82	220948	43.487	ng		99
26) 2-Nitrophenol	9.92	139	51420	52.599	ng	#	88
27) 2,4-Dimethylphenol	9.99	122	88349	53.390	ng		89
28) bis(2-Chloroethoxy)methane	10.21	93	115927	41.408	ng		98
29) 2,4-Dichlorophenol	10.46	162	100629	53.273	ng		88
30) 1,2,4-Trichlorobenzene	10.67	180	111477	48.128	ng		94
31) Naphthalene	10.86	128	260459	43.731	ng		100
32) Benzoic acid	10.17	122	31337m	28.131	ng		
33) 4-Chloroaniline	10.97	127	70030	26.978	ng	#	92
34) Hexachlorobutadiene	11.14	225	89126	49.345	ng		96
35) Caprolactam	11.77	113	32241m	39.774	ng		
36) 4-Chloro-3-methylphenol	12.10	107	122725	48.470	ng		95
37) 2-Methylnaphthalene	12.46	142	208781	47.052	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	150085	47.425	ng		99
40) Hexachlorocyclopentadiene	12.81	237	167544	100.949	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	94336	50.973	ng		97
43) 2,4,5-Trichlorophenol	13.15	196	103534	50.007	ng		97
45) 1,1'-Biphenyl	13.46	154	283674	43.638	ng		97
46) 2-Chloronaphthalene	13.51	162	226415	44.777	ng		99
47) 2-Nitroaniline	13.72	65	81225	45.437	ng		94
48) Acenaphthylene	14.36	152	375562	44.340	ng		97
49) Dimethylphthalate	14.09	163	318567	43.365	ng		99
50) 2,6-Dinitrotoluene	14.21	165	73025	48.815	ng		92
51) Acenaphthene	14.70	154	220843	41.855	ng		98
52) 3-Nitroaniline	14.55	138	52793	34.528	ng	#	95
53) 2,4-Dinitrophenol	14.76	184	64548	83.585	ng	#	64
54) Dibenzofuran	15.03	168	374404	44.618	ng		93
55) 4-Nitrophenol	14.87	139	84830	77.905	ng	#	82
56) 2,4-Dinitrotoluene	15.00	165	107148	49.925	ng		92
57) Fluorene	15.68	166	315138	44.807	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	105173	52.982	ng	#	92
59) Diethylphthalate	15.44	149	317227	41.996	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	182944	44.256	ng		98
61) 4-Nitroaniline	15.71	138	65484	40.943	ng	#	75
62) Azobenzene	15.96	77	315009	42.277	ng		96
64) 4,6-Dinitro-2-methylphenol	15.77	198	61181	47.735	ng		87
65) n-Nitrosodiphenylamine	15.89	169	283227	43.217	ng		97
66) 4-Bromophenyl-phenylether	16.57	248	130575	48.882	ng		97
67) Hexachlorobenzene	16.69	284	131175	47.685	ng		92
68) Atrazine	16.84	200	127799	47.362	ng		98
69) Pentachlorophenol	17.04	266	122759	73.266	ng		99
70) Phenanthrene	17.42	178	514412	44.775	ng		99
71) Anthracene	17.51	178	524065	45.811	ng		98
72) Carbazole	17.78	167	467310	43.014	ng		98
73) Di-n-butylphthalate	18.33	149	547749	42.665	ng	#	98
74) Fluoranthene	19.43	202	682094	44.076	ng		96
76) Benzidine	19.62	184	213635	32.657	ng		98
77) Pyrene	19.79	202	682846	43.400	ng		98
79) Butylbenzylphthalate	20.67	149	255730	45.451	ng		94
80) Benzo(a)anthracene	21.62	228	691746	44.610	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	191248	35.372	ng	#	98
82) Chrysene	21.69	228	652578	45.415	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	346280	45.270	ng		99
84) Di-n-octyl phthalate	22.71	149	585704	45.731	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	704345	44.274	ng	#	91
87) Benzo(b)fluoranthene	23.82	252	652670	48.392	ng	#	97
88) Benzo(k)fluoranthene	23.89	252	643591	48.811	ng	#	97
89) Benzo(a)pyrene	24.68	252	636284	50.711	ng	#	95
90) Dibenzo(a,h)anthracene	28.52	278	596617	48.434	ng	#	95
91) Benzo(g,h,i)perylene	29.60	276	596808	49.511	ng	#	92

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

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