Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
Data File : BG037801.D
Acq On : 5 Nov 2018 13:53
Operator : JU/SJ
Sample : PB114440BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114440BS

Quant Time: Nov 05 15:55:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 05 13:45:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50942	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	230951	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	151422	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	343681	20.00	ng		0.00
76) Chrysene-d12	21.76	240	311856	20.00	ng		0.00
87) Perylene-d12	25.09	264	310113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	495380	162.58	ng		0.00
7) Phenol-d6	7.25	99	705515	153.12	ng		0.00
23) Nitrobenzene-d5	9.27	82	329349	79.89	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	259948	157.40	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	811115	80.78	ng		0.00
79) Terphenyl-d14	20.07	244	1135251	77.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	60721	39.296	ng		92
3) Pyridine	3.93	79	132242	33.955	ng		91
4) n-Nitrosodimethylamine	3.84	42	55305	39.867	ng	#	90
6) Aniline	7.42	93	181358	32.265	ng		94
8) 2-Chlorophenol	7.66	128	154835	43.437	ng		98
9) Benzaldehyde	7.24	77	105997	36.777	ng		93
10) Phenol	7.27	94	207746	42.734	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	142821	38.681	ng		97
12) 1,3-Dichlorobenzene	7.98	146	158438	39.925	ng		98
13) 1,4-Dichlorobenzene	8.13	146	161919	39.889	ng		97
14) 1,2-Dichlorobenzene	8.45	146	155630	39.857	ng		98
15) Benzyl Alcohol	8.33	79	135878	39.912	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	255812	38.721	ng		98
17) 2-Methylphenol	8.53	107	142372	44.298	ng		98
18) Hexachloroethane	9.18	117	57528	41.570	ng		92
19) n-Nitroso-di-n-propylamine	8.90	70	116143	36.606	ng		92
20) 3+4-Methylphenols	8.86	107	192566	41.907	ng		99
22) Acetophenone	8.93	105	227829	39.334	ng	#	96
24) Nitrobenzene	9.31	77	174780	40.809	ng		93
25) Isophorone	9.83	82	333946	44.332	ng		97
26) 2-Nitrophenol	10.03	139	85828	44.484	ng		95
27) 2,4-Dimethylphenol	10.07	122	167204	48.536	ng		98
28) bis(2-Chloroethoxy)methane	10.31	93	206849	41.911	ng		97
29) 2,4-Dichlorophenol	10.55	162	168788	44.006	ng		98
30) 1,2,4-Trichlorobenzene	10.77	180	173416	41.576	ng		98
31) Naphthalene	10.97	128	499058	43.994	ng		99
32) Benzoic acid	10.18	122	79211	35.401	ng		98
33) 4-Chloroaniline	11.08	127	136912	25.687	ng		95
34) Hexachlorobutadiene	11.23	225	101087	40.891	ng		97
35) Caprolactam	11.86	113	56983	37.042	ng		92
36) 4-Chloro-3-methylphenol	12.18	107	180926	41.826	ng		99
37) 2-Methylnaphthalene	12.56	142	382338	46.237	ng		99
38) 1-Methylnaphthalene	12.78	142	360125	44.845	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	202067	41.372	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	249213	106.819	ng		97
43) 2,4,6-Trichlorophenol	13.16	196	144478	44.277	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	154253	43.419	ng		99
46) 1,1'-Biphenyl	13.56	154	492311	39.258	ng		100
47) 2-Chloronaphthalene	13.61	162	393125	41.437	ng		98
48) 2-Nitroaniline	13.82	65	120965	42.045	ng		90
49) Acenaphthylene	14.46	152	644181	45.137	ng		99
50) Dimethylphthalate	14.18	163	482981	41.230	ng		99
51) 2,6-Dinitrotoluene	14.31	165	109453	42.236	ng		96
52) Acenaphthene	14.80	154	371943	42.317	ng		98
53) 3-Nitroaniline	14.64	138	97144	33.767	ng	#	91
54) 2,4-Dinitrophenol	14.84	184	67452	66.247	ng		99
55) Dibenzofuran	15.13	168	601644	41.315	ng		100
56) 4-Nitrophenol	14.94	139	218151	102.445	ng		98
57) 2,4-Dinitrotoluene	15.09	165	153818	45.218	ng		96
58) Fluorene	15.78	166	481623	44.165	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	133046	43.739	ng		98
60) Diethylphthalate	15.53	149	499645	41.545	ng		100
61) 4-Chlorophenyl-phenylether	15.76	204	256152	40.300	ng		98
62) 4-Nitroaniline	15.81	138	115779	40.502	ng		93
63) Azobenzene	16.05	77	460255	40.111	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	69598	40.258	ng		98
66) n-Nitrosodiphenylamine	15.98	169	433237	41.907	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	158538	42.006	ng		98
68) Hexachlorobenzene	16.77	284	159709	40.830	ng		99
69) Atrazine	16.92	200	160239	42.871	ng		100
70) Pentachlorophenol	17.12	266	170463	65.059	ng		94
71) Phenanthrene	17.52	178	774826	44.360	ng		99
72) Anthracene	17.61	178	782668	45.660	ng		99
73) Carbazole	17.88	167	696512	40.621	ng		100
74) Di-n-butylphthalate	18.42	149	813924	42.672	ng		99
75) Fluoranthene	19.53	202	885937	44.720	ng		100
77) Benzidine	19.71	184	383026	36.121	ng		100
78) Pyrene	19.89	202	883012	43.314	ng		98
80) Butylbenzylphthalate	20.75	149	370553	44.413	ng		98
81) Benzo(a)anthracene	21.74	228	826001	44.779	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	230155	32.190	ng		98
83) Chrysene	21.81	228	779019	43.920	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	520529	44.509	ng		99
85) Di-n-octyl phthalate	22.85	149	872390	45.745	ng		97
86) Indeno(1,2,3-cd)pyrene	28.91	276	706779	37.152	ng	#	93
88) Benzo(b)fluoranthene	24.02	252	780517	45.909	ng		99
89) Benzo(k)fluoranthene	24.09	252	782334	46.967	ng		99
90) Benzo(a)pyrene	24.93	252	758142	46.928	ng		100
91) Dibenzo(a,h)anthracene	28.97	278	565297	37.934	ng		98
92) Benzo(g,h,i)perylene	30.11	276	582406	38.630	ng		99

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

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