Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037641.D
Acq On : 30 Oct 2018 2:58
Operator : JU/SJ
Sample : PB114209BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114209BS

Quant Time: Oct 30 05:47:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53364	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	247081	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	164106	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	402234	20.00	ng		0.00
76) Chrysene-d12	21.77	240	358038	20.00	ng		0.00
87) Perylene-d12	25.10	264	378350	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	451484	141.45	ng		0.00
7) Phenol-d6	7.25	99	635973	131.77	ng		0.00
23) Nitrobenzene-d5	9.28	82	323241	73.29	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	230289	128.66	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	802498	73.74	ng		0.00
79) Terphenyl-d14	20.08	244	1000690	59.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	47747	29.497	ng		97
3) Pyridine	3.93	79	138116	33.853	ng		94
4) n-Nitrosodimethylamine	3.85	42	63129	43.442	ng	#	99
6) Aniline	7.42	93	183228	31.118	ng		97
8) 2-Chlorophenol	7.66	128	159457	42.703	ng		98
9) Benzaldehyde	7.24	77	75978	25.165	ng		94
10) Phenol	7.28	94	220089	43.218	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	146925	37.987	ng		96
12) 1,3-Dichlorobenzene	7.99	146	154934	37.270	ng		99
13) 1,4-Dichlorobenzene	8.13	146	158242	37.214	ng		99
14) 1,2-Dichlorobenzene	8.46	146	150961	36.906	ng		98
15) Benzyl Alcohol	8.34	79	144216	40.438	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	266887	38.564	ng		97
17) 2-Methylphenol	8.53	107	145637	43.257	ng		99
18) Hexachloroethane	9.19	117	56618	39.056	ng		97
19) n-Nitroso-di-n-propylamine	8.90	70	123752	37.234	ng		95
20) 3+4-Methylphenols	8.86	107	205958	42.787	ng		96
22) Acetophenone	8.93	105	234184	37.792	ng	#	97
24) Nitrobenzene	9.32	77	178869	39.037	ng		95
25) Isophorone	9.84	82	350287	43.465	ng		95
26) 2-Nitrophenol	10.03	139	90138	43.668	ng		97
27) 2,4-Dimethylphenol	10.07	122	173899	47.184	ng		99
28) bis(2-Chloroethoxy)methane	10.32	93	211685	40.091	ng		94
29) 2,4-Dichlorophenol	10.56	162	173996	42.402	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	164377	36.836	ng		98
31) Naphthalene	10.97	128	491862	40.529	ng		99
32) Benzoic acid	10.20	122	119163	49.780	ng		97
33) 4-Chloroaniline	11.08	127	131905	23.132	ng		98
34) Hexachlorobutadiene	11.24	225	94623	35.777	ng		97
35) Caprolactam	11.87	113	66584	40.458	ng		96
36) 4-Chloro-3-methylphenol	12.19	107	195155	42.170	ng		98
37) 2-Methylnaphthalene	12.57	142	381133	43.082	ng		99
38) 1-Methylnaphthalene	12.79	142	361724	42.103	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	192660	36.397	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	234371	92.693 ng		96
43) 2,4,6-Trichlorophenol	13.17	196	148612	42.024 ng		98
44) 2,4,5-Trichlorophenol	13.24	196	162155	42.115 ng		97
46) 1,1'-Biphenyl	13.57	154	494302	36.370 ng		98
47) 2-Chloronaphthalene	13.62	162	391507	38.077 ng		99
48) 2-Nitroaniline	13.83	65	131702	42.239 ng		92
49) Acenaphthylene	14.46	152	656445	42.442 ng		100
50) Dimethylphthalate	14.19	163	509304	40.117 ng		99
51) 2,6-Dinitrotoluene	14.32	165	116123	41.347 ng		95
52) Acenaphthene	14.80	154	378975	39.785 ng		97
53) 3-Nitroaniline	14.65	138	103016	33.041 ng	#	98
54) 2,4-Dinitrophenol	14.85	184	96403	78.382 ng		97
55) Dibenzofuran	15.13	168	615246	38.983 ng		99
56) 4-Nitrophenol	14.94	139	201942	87.503 ng		97
57) 2,4-Dinitrotoluene	15.10	165	163466	44.340 ng		99
58) Fluorene	15.78	166	499781	42.288 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	143187	43.434 ng		98
60) Diethylphthalate	15.54	149	533382	40.923 ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	258903	37.584 ng		100
62) 4-Nitroaniline	15.81	138	129329	41.745 ng		94
63) Azobenzene	16.06	77	503443	40.483 ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	83399	41.016 ng		97
66) n-Nitrosodiphenylamine	15.98	169	460893	38.093 ng		99
67) 4-Bromophenyl-phenylether	16.67	248	166612	37.719 ng		99
68) Hexachlorobenzene	16.78	284	166521	36.374 ng		98
69) Atrazine	16.93	200	176237	40.287 ng		99
70) Pentachlorophenol	17.12	266	203800	66.460 ng		97
71) Phenanthrene	17.52	178	831125	40.656 ng		99
72) Anthracene	17.62	178	841523	41.947 ng		99
73) Carbazole	17.89	167	766987	38.220 ng		99
74) Di-n-butylphthalate	18.42	149	912834	40.891 ng		100
75) Fluoranthene	19.53	202	969181	41.800 ng		99
77) Benzidine	19.71	184	390388	32.067 ng		98
78) Pyrene	19.89	202	954733	40.791 ng		99
80) Butylbenzylphthalate	20.77	149	413679	43.186 ng		97
81) Benzo(a)anthracene	21.75	228	893618	42.196 ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	251382	30.624 ng		99
83) Chrysene	21.82	228	826483	40.586 ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	587356	43.745 ng		99
85) Di-n-octyl phthalate	22.86	149	981228	44.816 ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	894198	40.940 ng		99
88) Benzo(b)fluoranthene	24.03	252	864883	41.696 ng		99
89) Benzo(k)fluoranthene	24.10	252	840944	41.381 ng		97
90) Benzo(a)pyrene	24.94	252	837924	42.512 ng		99
91) Dibenzo(a,h)anthracene	29.00	278	740571	40.733 ng		99
92) Benzo(g,h,i)perylene	30.13	276	742512	40.367 ng		99

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

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