Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
Data File : BG038830.D
Acq On : 26 Dec 2018 14:57
Operator : JU/SJ
Sample : PB115917BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115917BS

Quant Time: Dec 26 15:54:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	19741	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	79655	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	59186	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	162210	20.00	ng		0.00
76) Chrysene-d12	21.73	240	161211	20.00	ng		0.00
87) Perylene-d12	25.02	264	176202	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	135370	121.62	ng		0.00
7) Phenol-d6	7.21	99	190736	124.83	ng		0.00
23) Nitrobenzene-d5	9.23	82	97377	62.45	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	117528	144.08	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	283994	65.83	ng		0.00
79) Terphenyl-d14	20.04	244	622379	84.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	15035	29.025	ng		96
3) Pyridine	3.89	79	44594	31.268	ng		99
4) n-Nitrosodimethylamine	3.81	42	25052	35.849	ng	#	86
6) Aniline	7.38	93	65450	33.555	ng		96
8) 2-Chlorophenol	7.62	128	58717	45.587	ng		95
9) Benzaldehyde	7.20	77	14660	14.790	ng		97
10) Phenol	7.24	94	74371	45.815	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	46631	36.081	ng		96
12) 1,3-Dichlorobenzene	7.94	146	58518	38.425	ng		98
13) 1,4-Dichlorobenzene	8.09	146	59639	38.237	ng		98
14) 1,2-Dichlorobenzene	8.41	146	58330	39.669	ng		99
15) Benzyl Alcohol	8.30	79	51909	43.525	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	96186	32.489	ng		97
17) 2-Methylphenol	8.50	107	52830	48.575	ng		98
18) Hexachloroethane	9.13	117	21154	37.116	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	41058	38.259	ng		96
20) 3+4-Methylphenols	8.83	107	72113	48.011	ng		97
22) Acetophenone	8.89	105	84155	42.297	ng	#	94
24) Nitrobenzene	9.27	77	63905	40.515	ng		100
25) Isophorone	9.79	82	121743	43.458	ng		96
26) 2-Nitrophenol	9.99	139	33162	41.077	ng		95
27) 2,4-Dimethylphenol	10.03	122	60590	52.368	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	67685	42.813	ng		97
29) 2,4-Dichlorophenol	10.52	162	69970	54.360	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	66505	42.775	ng		99
31) Naphthalene	10.93	128	181198	46.169	ng		98
32) Benzoic acid	10.19	122	30513	42.892	ng		96
33) 4-Chloroaniline	11.04	127	49396	28.990	ng		97
34) Hexachlorobutadiene	11.18	225	45990	43.716	ng		95
35) Caprolactam	11.83	113	24682	46.336	ng	#	71
36) 4-Chloro-3-methylphenol	12.15	107	71681	48.801	ng		93
37) 2-Methylnaphthalene	12.52	142	143402	51.217	ng		99
38) 1-Methylnaphthalene	12.74	142	137735	50.694	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	88298	39.911	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	112786	92.793 ng		97
43) 2,4,6-Trichlorophenol	13.13	196	64003	47.051 ng		98
44) 2,4,5-Trichlorophenol	13.21	196	67937	47.171 ng		92
46) 1,1'-Biphenyl	13.53	154	195152	39.332 ng		97
47) 2-Chloronaphthalene	13.58	162	157668	41.138 ng		99
48) 2-Nitroaniline	13.79	65	49737	40.742 ng		88
49) Acenaphthylene	14.42	152	262780	45.863 ng		99
50) Dimethylphthalate	14.15	163	221675	45.864 ng		99
51) 2,6-Dinitrotoluene	14.27	165	49397	45.098 ng		92
52) Acenaphthene	14.76	154	151254	44.147 ng		98
53) 3-Nitroaniline	14.62	138	36242	32.459 ng		88
54) 2,4-Dinitrophenol	14.82	184	63919	96.907 ng		97
55) Dibenzofuran	15.09	168	259849	44.245 ng		96
56) 4-Nitrophenol	14.92	139	75847	89.544 ng		96
57) 2,4-Dinitrotoluene	15.06	165	72483	46.984 ng		95
58) Fluorene	15.74	166	214771	49.360 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	67970	52.455 ng		95
60) Diethylphthalate	15.50	149	233436	43.995 ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	121667	44.816 ng		98
62) 4-Nitroaniline	15.78	138	55567	48.340 ng		97
63) Azobenzene	16.02	77	184337	41.587 ng		97
65) 4,6-Dinitro-2-methylphenol	15.83	198	49555	42.826 ng		85
66) n-Nitrosodiphenylamine	15.94	169	201999	42.383 ng		98
67) 4-Bromophenyl-phenylether	16.63	248	85354	43.085 ng		94
68) Hexachlorobenzene	16.74	284	91025	44.325 ng		97
69) Atrazine	16.89	200	85245	48.195 ng		97
70) Pentachlorophenol	17.09	266	97186	80.010 ng		98
71) Phenanthrene	17.49	178	386787	45.982 ng		98
72) Anthracene	17.58	178	393791	47.421 ng		99
73) Carbazole	17.85	167	352625	42.937 ng		99
74) Di-n-butylphthalate	18.38	149	409459	43.451 ng		99
75) Fluoranthene	19.49	202	477519	45.882 ng		97
77) Benzidine	19.67	184	220265	46.200 ng		98
78) Pyrene	19.86	202	473661	44.475 ng		98
80) Butylbenzylphthalate	20.72	149	174308	41.892 ng		98
81) Benzo(a)anthracene	21.70	228	451895	46.002 ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	117518	30.164 ng		98
83) Chrysene	21.77	228	419893	44.377 ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	239225	40.538 ng		97
85) Di-n-octyl phthalate	22.79	149	408677	41.351 ng		98
86) Indeno(1,2,3-cd)pyrene	28.81	276	524651	47.164 ng	#	73
88) Benzo(b)fluoranthene	23.96	252	454874	47.019 ng		99
89) Benzo(k)fluoranthene	24.03	252	436070	45.266 ng		96
90) Benzo(a)pyrene	24.86	252	442093	47.368 ng	#	98
91) Dibenzo(a,h)anthracene	28.87	278	435285	46.841 ng	#	97
92) Benzo(g,h,i)perylene	30.00	276	432140	47.187 ng	#	96

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

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