Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038591.D
Acq On : 15 Dec 2018 6:18
Operator : JU/SJ
Sample : PB115539BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115539BS

Quant Time: Dec 16 00:11:38 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	8.06	152	23647	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	89759	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	56033	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	142884	20.00	ng		0.00
76) Chrysene-d12	21.72	240	156193	20.00	ng		0.00
87) Perylene-d12	25.02	264	173040	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	160215	120.17	ng		0.00
7) Phenol-d6	7.21	99	209180	114.29	ng		0.00
23) Nitrobenzene-d5	9.24	82	123271	70.16	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	90874	117.68	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	282465	69.16	ng		0.00
79) Terphenyl-d14	20.04	244	596825	83.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	22635	36.478	ng		91
3) Pyridine	3.89	79	61135	35.785	ng		92
4) n-Nitrosodimethylamine	3.81	42	38261	45.708	ng	#	89
6) Aniline	7.39	93	78829	33.739	ng		97
8) 2-Chlorophenol	7.62	128	64918	42.076	ng		99
9) Benzaldehyde	7.20	77	23834	20.074	ng		98
10) Phenol	7.24	94	81932	42.136	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	57993	37.460	ng		97
12) 1,3-Dichlorobenzene	7.94	146	70210	38.487	ng		97
13) 1,4-Dichlorobenzene	8.10	146	69560	37.231	ng		97
14) 1,2-Dichlorobenzene	8.41	146	67547	38.349	ng		100
15) Benzyl Alcohol	8.30	79	59316	41.520	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	134013	37.789	ng		99
17) 2-Methylphenol	8.50	107	56117	43.075	ng		98
18) Hexachloroethane	9.14	117	26080	38.201	ng		93
19) n-Nitroso-di-n-propylamine	8.87	70	47974	37.320	ng		100
20) 3+4-Methylphenols	8.82	107	76989	42.791	ng		96
22) Acetophenone	8.89	105	91913	40.996	ng		99
24) Nitrobenzene	9.28	77	75166	42.290	ng		97
25) Isophorone	9.79	82	133013	42.136	ng		96
26) 2-Nitrophenol	9.99	139	36380	39.991	ng		98
27) 2,4-Dimethylphenol	10.03	122	62954	48.286	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	76976	43.209	ng		96
29) 2,4-Dichlorophenol	10.52	162	65408	45.096	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	71411	40.760	ng		97
31) Naphthalene	10.93	128	194607	44.004	ng		98
32) Benzoic acid	10.18	122	23288	32.331	ng	#	80
33) 4-Chloroaniline	11.04	127	42955	22.372	ng		96
34) Hexachlorobutadiene	11.19	225	47257	39.863	ng		99
35) Caprolactam	11.82	113	21616	36.012	ng		96
36) 4-Chloro-3-methylphenol	12.15	107	67025	40.494	ng		94
37) 2-Methylnaphthalene	12.53	142	141483	44.843	ng		99
38) 1-Methylnaphthalene	12.74	142	135632	44.301	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84269	40.234	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	114160	99.209	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	54965	42.680	ng		95
44) 2,4,5-Trichlorophenol	13.21	196	60601	44.445	ng		94
46) 1,1'-Biphenyl	13.53	154	185458	39.481	ng		98
47) 2-Chloronaphthalene	13.58	162	147476	40.644	ng		96
48) 2-Nitroaniline	13.79	65	49112	42.493	ng		97
49) Acenaphthylene	14.42	152	238310	43.933	ng		98
50) Dimethylphthalate	14.15	163	191689	41.891	ng		99
51) 2,6-Dinitrotoluene	14.28	165	44002	42.433	ng		99
52) Acenaphthene	14.76	154	135785	41.862	ng		95
53) 3-Nitroaniline	14.61	138	32071	30.340	ng		92
54) 2,4-Dinitrophenol	14.82	184	46687	75.949	ng		93
55) Dibenzofuran	15.09	168	226818	40.794	ng		97
56) 4-Nitrophenol	14.91	139	68837	85.841	ng		95
57) 2,4-Dinitrotoluene	15.06	165	62100	42.519	ng	#	99
58) Fluorene	15.74	166	184274	44.734	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	55140	44.948	ng		99
60) Diethylphthalate	15.50	149	202261	40.265	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	102079	39.716	ng		99
62) 4-Nitroaniline	15.78	138	46655	42.871	ng		96
63) Azobenzene	16.02	77	173863	41.432	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	38872	38.137	ng		94
66) n-Nitrosodiphenylamine	15.95	169	170136	40.525	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	66432	38.069	ng		94
68) Hexachlorobenzene	16.74	284	70925	39.209	ng		98
69) Atrazine	16.89	200	70013	44.937	ng		98
70) Pentachlorophenol	17.09	266	76907	71.879	ng		95
71) Phenanthrene	17.48	178	325114	43.878	ng		98
72) Anthracene	17.58	178	333197	45.552	ng		99
73) Carbazole	17.85	167	303231	41.917	ng		99
74) Di-n-butylphthalate	18.38	149	367309	44.250	ng		100
75) Fluoranthene	19.49	202	425696	46.435	ng		97
77) Benzidine	19.68	184	214090	46.347	ng		99
78) Pyrene	19.86	202	423750	41.067	ng		100
80) Butylbenzylphthalate	20.72	149	172659	42.829	ng		99
81) Benzo(a)anthracene	21.70	228	421832	44.321	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	109027	28.883	ng		96
83) Chrysene	21.77	228	385988	42.105	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	239459	41.882	ng		99
85) Di-n-octyl phthalate	22.80	149	413670	43.201	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	488431	45.319	ng	#	98
88) Benzo(b)fluoranthene	23.97	252	416875	43.879	ng		99
89) Benzo(k)fluoranthene	24.04	252	410567	43.398	ng		98
90) Benzo(a)pyrene	24.86	252	408524	44.571	ng		98
91) Dibenzo(a,h)anthracene	28.86	278	401683	44.015	ng		99
92) Benzo(g,h,i)perylene	29.99	276	396833	44.124	ng		97

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

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