Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038845.D
Acq On : 27 Dec 2018 16:04
Operator : JU/SJ
Sample : PB116010BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116010BSD

Quant Time: Dec 28 00:28:03 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	18902	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	78913	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	58828	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	163473	20.00	ng		0.00
76) Chrysene-d12	21.72	240	161435	20.00	ng		0.00
87) Perylene-d12	25.02	264	171859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	133245	125.03	ng		0.00
7) Phenol-d6	7.21	99	188743	129.01	ng		0.00
23) Nitrobenzene-d5	9.23	82	97202	62.93	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	119084	146.88	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	279875	65.27	ng		0.00
79) Terphenyl-d14	20.04	244	616599	83.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	21556	43.460	ng		97
3) Pyridine	3.89	79	41531	30.412	ng		98
4) n-Nitrosodimethylamine	3.81	42	24572	36.723	ng	#	94
6) Aniline	7.38	93	57731	30.912	ng		97
8) 2-Chlorophenol	7.62	128	58286	47.261	ng		96
9) Benzaldehyde	7.19	77	14320	15.088	ng		95
10) Phenol	7.24	94	73089	47.024	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	45886	37.080	ng		94
12) 1,3-Dichlorobenzene	7.94	146	57921	39.721	ng		96
13) 1,4-Dichlorobenzene	8.09	146	58632	39.260	ng		98
14) 1,2-Dichlorobenzene	8.41	146	57628	40.931	ng		96
15) Benzyl Alcohol	8.30	79	52562	46.029	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	95165	33.571	ng		97
17) 2-Methylphenol	8.50	107	51445	49.402	ng		98
18) Hexachloroethane	9.13	117	20300	37.199	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	40329	39.248	ng		97
20) 3+4-Methylphenols	8.82	107	70987	49.359	ng		99
22) Acetophenone	8.89	105	83728	42.478	ng	#	93
24) Nitrobenzene	9.27	77	62290	39.862	ng		92
25) Isophorone	9.79	82	119081	42.907	ng		99
26) 2-Nitrophenol	9.99	139	33550	41.949	ng	#	92
27) 2,4-Dimethylphenol	10.03	122	61902	54.005	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	66026	42.157	ng		96
29) 2,4-Dichlorophenol	10.52	162	68931	54.057	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	68104	44.215	ng		95
31) Naphthalene	10.93	128	181182	46.599	ng		98
32) Benzoic acid	10.17	122	34116	47.100	ng	#	86
33) 4-Chloroaniline	11.04	127	50512	29.924	ng		97
34) Hexachlorobutadiene	11.18	225	44711	42.900	ng		97
35) Caprolactam	11.82	113	24573	46.565	ng	#	77
36) 4-Chloro-3-methylphenol	12.15	107	71670	49.252	ng		95
37) 2-Methylnaphthalene	12.52	142	141399	50.976	ng		99
38) 1-Methylnaphthalene	12.74	142	134673	50.033	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	88805	40.385	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	107930	89.338 ng		95
43) 2,4,6-Trichlorophenol	13.13	196	64779	47.911 ng		97
44) 2,4,5-Trichlorophenol	13.21	196	70054	48.936 ng		96
46) 1,1'-Biphenyl	13.52	154	194693	39.478 ng		98
47) 2-Chloronaphthalene	13.58	162	156347	41.042 ng		98
48) 2-Nitroaniline	13.79	65	50615	41.713 ng		89
49) Acenaphthylene	14.42	152	261852	45.979 ng		99
50) Dimethylphthalate	14.14	163	215811	44.922 ng		99
51) 2,6-Dinitrotoluene	14.27	165	48464	44.516 ng		92
52) Acenaphthene	14.76	154	150073	44.069 ng		95
53) 3-Nitroaniline	14.62	138	36656	33.030 ng		94
54) 2,4-Dinitrophenol	14.82	184	53065	81.795 ng		96
55) Dibenzofuran	15.09	168	265260	45.441 ng		96
56) 4-Nitrophenol	14.92	139	76617	91.003 ng		98
57) 2,4-Dinitrotoluene	15.06	165	70930	46.257 ng		95
58) Fluorene	15.74	166	213336	49.328 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	68477	53.168 ng		97
60) Diethylphthalate	15.50	149	226360	42.921 ng		97
61) 4-Chlorophenyl-phenylether	15.73	204	122787	45.504 ng		97
62) 4-Nitroaniline	15.78	138	54817	47.978 ng		98
63) Azobenzene	16.02	77	180615	40.996 ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	46640	39.995 ng		89
66) n-Nitrosodiphenylamine	15.94	169	200381	41.718 ng		97
67) 4-Bromophenyl-phenylether	16.62	248	85751	42.951 ng		96
68) Hexachlorobenzene	16.74	284	90018	43.496 ng		96
69) Atrazine	16.89	200	85250	47.825 ng		98
70) Pentachlorophenol	17.09	266	86712	70.836 ng		98
71) Phenanthrene	17.48	178	385817	45.513 ng		99
72) Anthracene	17.58	178	393598	47.032 ng		99
73) Carbazole	17.85	167	342664	41.402 ng		97
74) Di-n-butylphthalate	18.38	149	398631	41.975 ng		99
75) Fluoranthene	19.49	202	476637	45.443 ng		97
77) Benzidine	19.67	184	217055	45.463 ng		99
78) Pyrene	19.85	202	464612	43.565 ng		99
80) Butylbenzylphthalate	20.72	149	173152	41.557 ng		95
81) Benzo(a)anthracene	21.70	228	451060	45.853 ng		100
82) 3,3'-Dichlorobenzidine	21.61	252	127845	32.769 ng		98
83) Chrysene	21.77	228	422284	44.568 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	236235	39.976 ng		96
85) Di-n-octyl phthalate	22.79	149	401700	40.589 ng		97
86) Indeno(1,2,3-cd)pyrene	28.80	276	512253	45.986 ng	#	80
88) Benzo(b)fluoranthene	23.96	252	451994	47.902 ng		99
89) Benzo(k)fluoranthene	24.03	252	421260	44.834 ng		96
90) Benzo(a)pyrene	24.86	252	434680	47.751 ng	#	98
91) Dibenzo(a,h)anthracene	28.86	278	430869	47.538 ng		99
92) Benzo(g,h,i)perylene	30.00	276	423238	47.383 ng	#	96

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

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