Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038577.D
Acq On : 14 Dec 2018 21:05
Operator : JU/SJ
Sample : PB115362BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115362BS

Manual Integrations APPROVED
Sohil
12/17/2018 4:11:50 PM

Quant Time: Dec 14 23:14:20 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	8.06	152	24674	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	96933	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	62089	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	156374	20.00	ng		0.00
76) Chrysene-d12	21.72	240	166047	20.00	ng		0.00
87) Perylene-d12	25.02	264	182267	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	183796	132.12	ng		0.00
7) Phenol-d6	7.21	99	239544	125.43	ng		0.00
23) Nitrobenzene-d5	9.24	82	121958	64.28	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	105516	123.31	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	278579	61.55	ng		0.00
79) Terphenyl-d14	20.04	244	565241	74.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	21905	33.833	ng	#	89
3) Pyridine	3.89	79	62476	35.048	ng		93
4) n-Nitrosodimethylamine	3.82	42	39073	44.735	ng	#	93
6) Aniline	7.38	93	83287	34.163	ng		96
8) 2-Chlorophenol	7.62	128	68035	42.261	ng		99
9) Benzaldehyde	7.20	77	27877	22.502	ng		96
10) Phenol	7.24	94	86029	42.401	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	60444	37.418	ng		99
12) 1,3-Dichlorobenzene	7.94	146	71222	37.417	ng		99
13) 1,4-Dichlorobenzene	8.10	146	73496	37.700	ng		99
14) 1,2-Dichlorobenzene	8.41	146	70685	38.460	ng		99
15) Benzyl Alcohol	8.30	79	61725	41.408	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	138158	37.336	ng		98
17) 2-Methylphenol	8.50	107	59141	43.507	ng		97
18) Hexachloroethane	9.14	117	26787	37.603	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	49710	37.061	ng		98
20) 3+4-Methylphenols	8.83	107	79870	42.544	ng		96
22) Acetophenone	8.89	105	97728	40.364	ng		99
24) Nitrobenzene	9.28	77	79808	41.578	ng		96
25) Isophorone	9.79	82	141802	41.595	ng		98
26) 2-Nitrophenol	9.99	139	39212	39.914	ng		95
27) 2,4-Dimethylphenol	10.03	122	67980	48.282	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	79585	41.367	ng		99
29) 2,4-Dichlorophenol	10.52	162	71065	45.370	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	74177	39.206	ng		98
31) Naphthalene	10.93	128	205376	43.002	ng		98
32) Benzoic acid	10.18	122	30069m	36.667	ng		
33) 4-Chloroaniline	11.04	127	42914	20.696	ng		94
34) Hexachlorobutadiene	11.19	225	49194	38.426	ng		88
35) Caprolactam	11.83	113	22987	35.462	ng		99
36) 4-Chloro-3-methylphenol	12.16	107	72518	40.570	ng		96
37) 2-Methylnaphthalene	12.53	142	152116	44.645	ng		98
38) 1-Methylnaphthalene	12.75	142	142446	43.083	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	88328	38.058	ng		98

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	118892	93.243	ng		93
43) 2,4,6-Trichlorophenol	13.13	196	60144	42.147	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	62727	41.517	ng		96
46) 1,1'-Biphenyl	13.53	154	196691	37.788	ng		97
47) 2-Chloronaphthalene	13.58	162	158356	39.386	ng		97
48) 2-Nitroaniline	13.79	65	52508	41.000	ng		99
49) Acenaphthylene	14.42	152	253756	42.217	ng		99
50) Dimethylphthalate	14.15	163	204681	40.368	ng		100
51) 2,6-Dinitrotoluene	14.28	165	47041	40.939	ng		92
52) Acenaphthene	14.76	154	144631	40.240	ng		98
53) 3-Nitroaniline	14.62	138	33243	28.381	ng		90
54) 2,4-Dinitrophenol	14.82	184	50033	73.623	ng		96
55) Dibenzofuran	15.09	168	243139	39.464	ng		98
56) 4-Nitrophenol	14.92	139	73864	83.126	ng		95
57) 2,4-Dinitrotoluene	15.06	165	66855	41.310	ng		99
58) Fluorene	15.75	166	196493	43.048	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	60424	44.451	ng		98
60) Diethylphthalate	15.50	149	211923	38.073	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	109051	38.291	ng		99
62) 4-Nitroaniline	15.78	138	50487	41.867	ng		99
63) Azobenzene	16.02	77	184841	39.751	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40443	36.256	ng		96
66) n-Nitrosodiphenylamine	15.94	169	178235	38.792	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	71155	37.258	ng		95
68) Hexachlorobenzene	16.74	284	75701	38.239	ng		98
69) Atrazine	16.89	200	74364	43.612	ng		99
70) Pentachlorophenol	17.09	266	84178	71.888	ng		99
71) Phenanthrene	17.49	178	344841	42.526	ng		98
72) Anthracene	17.58	178	354737	44.313	ng		100
73) Carbazole	17.85	167	318043	40.172	ng		99
74) Di-n-butylphthalate	18.38	149	391195	43.062	ng		99
75) Fluoranthene	19.49	202	447177	44.570	ng		98
77) Benzidine	19.68	184	217131	44.216	ng		99
78) Pyrene	19.86	202	446321	40.687	ng		100
80) Butylbenzylphthalate	20.72	149	178866	41.736	ng		97
81) Benzo(a)anthracene	21.70	228	434353	42.928	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	112644	28.071	ng		100
83) Chrysene	21.77	228	400931	41.139	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	248575	40.896	ng		100
85) Di-n-octyl phthalate	22.80	149	430222	42.263	ng		98
86) Indeno(1,2,3-cd)pyrene	28.80	276	495197	43.220	ng	#	98
88) Benzo(b)fluoranthene	23.96	252	438555	43.824	ng		99
89) Benzo(k)fluoranthene	24.04	252	415377	41.683	ng		98
90) Benzo(a)pyrene	24.86	252	424525	43.972	ng		98
91) Dibenzo(a,h)anthracene	28.87	278	414151	43.084	ng		99
92) Benzo(g,h,i)perylene	29.98	276	405885	42.846	ng		98

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

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