Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
Data File : BG038248.D
Acq On : 30 Nov 2018 00:56
Operator : JU/SJ
Sample : PB115166BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Manual Integrations APPROVED
mohammad
11/30/2018 3:48:19 PM

Quant Time: Nov 30 12:08:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33228	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	141052	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	86070	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	205326	20.00	ng		0.00
76) Chrysene-d12	21.75	240	192296	20.00	ng		0.00
87) Perylene-d12	25.07	264	202674	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	241748	125.62	ng		0.00
7) Phenol-d6	7.23	99	333270	121.32	ng		0.00
23) Nitrobenzene-d5	9.26	82	207706	78.83	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	100947	102.84	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	454186	76.88	ng		0.00
79) Terphenyl-d14	20.07	244	719903	88.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	30718	33.792	ng	#	91
3) Pyridine	3.91	79	89739	34.607	ng		88
4) n-Nitrosodimethylamine	3.84	42	51781	55.042	ng		86
6) Aniline	7.41	93	52201	14.723	ng		97
8) 2-Chlorophenol	7.64	128	108406	48.545	ng		97
9) Benzaldehyde	7.22	77	67845	34.150	ng		98
10) Phenol	7.26	94	141554	48.647	ng		95
11) bis(2-Chloroethyl)ether	7.50	93	101006	42.519	ng		97
12) 1,3-Dichlorobenzene	7.97	146	108277	42.089	ng		96
13) 1,4-Dichlorobenzene	8.12	146	111446	42.885	ng		99
14) 1,2-Dichlorobenzene	8.44	146	105399	42.482	ng		98
15) Benzyl Alcohol	8.33	79	100243	50.429	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	216130	48.997	ng		96
17) 2-Methylphenol	8.52	107	96781	49.195	ng		97
18) Hexachloroethane	9.16	117	41524	43.905	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	83411	41.962	ng		96
20) 3+4-Methylphenols	8.85	107	134822	48.344	ng		97
22) Acetophenone	8.91	105	157074	44.757	ng	#	96
24) Nitrobenzene	9.30	77	126897	47.077	ng		97
25) Isophorone	9.81	82	233789	49.294	ng		99
26) 2-Nitrophenol	10.01	139	61608	45.783	ng		95
27) 2,4-Dimethylphenol	10.05	122	112210	55.345	ng		100
28) bis(2-Chloroethoxy)methane	10.30	93	140027	46.172	ng		97
29) 2,4-Dichlorophenol	10.54	162	113250	49.659	ng		96
30) 1,2,4-Trichlorobenzene	10.76	180	112265	43.930	ng		97
31) Naphthalene	10.95	128	331221	47.743	ng		99
32) Benzoic acid	10.22	122	8288m	17.050	ng		
33) 4-Chloroaniline	11.07	127	36127	11.195	ng		95
34) Hexachlorobutadiene	11.22	225	68820	43.756	ng		98
35) Caprolactam	11.85	113	40468	44.333	ng	#	87
36) 4-Chloro-3-methylphenol	12.17	107	124150	49.830	ng		94
37) 2-Methylnaphthalene	12.55	142	242538	48.670	ng		98
38) 1-Methylnaphthalene	12.77	142	231785	48.321	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	127897	44.469	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	146759	95.294	ng		95
43) 2,4,6-Trichlorophenol	13.15	196	87522	44.657	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	96000	46.554	ng		98
46) 1,1'-Biphenyl	13.55	154	313398	43.342	ng		99
47) 2-Chloronaphthalene	13.60	162	247003	44.765	ng		98
48) 2-Nitroaniline	13.81	65	90054	51.857	ng		99
49) Acenaphthylene	14.44	152	409140	49.309	ng		99
50) Dimethylphthalate	14.17	163	317484	46.529	ng		99
51) 2,6-Dinitrotoluene	14.30	165	73554	47.629	ng		98
52) Acenaphthene	14.78	154	234819	47.008	ng		99
53) 3-Nitroaniline	14.63	138	36417	21.370	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	4501	14.058	ng	#	73
55) Dibenzofuran	15.12	168	384758	46.581	ng		98
56) 4-Nitrophenol	14.93	139	79730	60.664	ng		88
57) 2,4-Dinitrotoluene	15.08	165	102251	48.663	ng		96
58) Fluorene	15.76	166	304762	49.451	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	66767	38.694	ng		97
60) Diethylphthalate	15.52	149	332568	45.887	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	160960	44.635	ng		99
62) 4-Nitroaniline	15.80	138	81234	47.986	ng		94
63) Azobenzene	16.04	77	311532	48.076	ng		95
65) 4,6-Dinitro-2-methylphenol	15.84	198	8424	6.487	ng		97
66) n-Nitrosodiphenylamine	15.97	169	281588	45.332	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	102029	45.273	ng		97
68) Hexachlorobenzene	16.76	284	105837	45.498	ng		98
69) Atrazine	16.91	200	108106	47.211	ng		97
70) Pentachlorophenol	17.11	266	36952	23.389	ng		94
71) Phenanthrene	17.51	178	516284	49.112	ng		99
72) Anthracene	17.60	178	526478	50.806	ng		100
73) Carbazole	17.87	167	479340	46.105	ng		99
74) Di-n-butylphthalate	18.40	149	584817	50.110	ng		99
75) Fluoranthene	19.51	202	617233	51.462	ng		99
77) Benzidine	19.70	184	116550	17.273	ng		99
78) Pyrene	19.88	202	621459	49.430	ng		97
80) Butylbenzylphthalate	20.75	149	267880	48.722	ng		98
81) Benzo(a)anthracene	21.73	228	583479	50.211	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	94654	20.910	ng		98
83) Chrysene	21.80	228	542189	48.765	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	379553	48.407	ng		99
85) Di-n-octyl phthalate	22.83	149	648391	51.115	ng		98
86) Indeno(1,2,3-cd)pyrene	28.88	276	586430	47.490	ng		97
88) Benzo(b)fluoranthene	24.01	252	574129	51.476	ng		99
89) Benzo(k)fluoranthene	24.08	252	553420	50.286	ng		98
90) Benzo(a)pyrene	24.91	252	561110	52.642	ng		99
91) Dibenzo(a,h)anthracene	28.95	278	489451	47.724	ng		98
92) Benzo(g,h,i)perylene	30.08	276	468666	45.959	ng		98

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

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