Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038703.D
Acq On : 18 Dec 2018 20:38
Operator : JU/SJ
Sample : PB115802BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115802BS

Manual Integrations APPROVED
Sohil
12/19/2018 4:12:27 PM

Quant Time: Dec 19 07:24:14 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	23266	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	91856	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	61143	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	156672	20.00	ng		0.00
76) Chrysene-d12	21.72	240	163360	20.00	ng		0.00
87) Perylene-d12	25.02	264	174415	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	187799	143.17	ng		0.00
7) Phenol-d6	7.21	99	248072	137.76	ng		0.00
23) Nitrobenzene-d5	9.23	82	124317	69.14	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	122171	144.98	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	310063	69.57	ng		0.00
79) Terphenyl-d14	20.04	244	624864	83.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	21890	35.856	ng	#	92
3) Pyridine	3.89	79	58479	34.791	ng		96
4) n-Nitrosodimethylamine	3.82	42	37622	45.680	ng	#	86
6) Aniline	7.38	93	70692	30.752	ng		98
8) 2-Chlorophenol	7.62	128	65735	43.304	ng		99
9) Benzaldehyde	7.20	77	21528	18.428	ng		97
10) Phenol	7.24	94	83983	43.898	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	57187	37.544	ng		96
12) 1,3-Dichlorobenzene	7.94	146	71312	39.731	ng		94
13) 1,4-Dichlorobenzene	8.09	146	71706	39.008	ng		96
14) 1,2-Dichlorobenzene	8.41	146	68352	39.442	ng		98
15) Benzyl Alcohol	8.30	79	59163	42.091	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	124301	35.624	ng		98
17) 2-Methylphenol	8.49	107	56199	43.844	ng		97
18) Hexachloroethane	9.14	117	26099	38.854	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	45950	36.331	ng		98
20) 3+4-Methylphenols	8.82	107	76493	43.211	ng		98
22) Acetophenone	8.89	105	93664	40.823	ng	#	99
24) Nitrobenzene	9.28	77	72998	40.132	ng		99
25) Isophorone	9.79	82	132050	40.876	ng	#	99
26) 2-Nitrophenol	9.99	139	37266	40.029	ng		93
27) 2,4-Dimethylphenol	10.03	122	65070	48.770	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	74960	41.117	ng		98
29) 2,4-Dichlorophenol	10.52	162	69356	46.726	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	75404	42.057	ng		99
31) Naphthalene	10.93	128	202483	44.739	ng		98
32) Benzoic acid	10.19	122	25018m	33.434	ng		
33) 4-Chloroaniline	11.04	127	46311	23.569	ng		96
34) Hexachlorobutadiene	11.19	225	49172	40.532	ng		97
35) Caprolactam	11.83	113	23361	38.030	ng		93
36) 4-Chloro-3-methylphenol	12.15	107	72659	42.896	ng		98
37) 2-Methylnaphthalene	12.53	142	153441	47.523	ng		95
38) 1-Methylnaphthalene	12.74	142	144566	46.141	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	88904	38.899	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	110767	88.215	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	62369	44.382	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	66891	44.958	ng		94
46) 1,1'-Biphenyl	13.53	154	197702	38.570	ng		99
47) 2-Chloronaphthalene	13.58	162	161703	40.841	ng		97
48) 2-Nitroaniline	13.79	65	52099	41.310	ng		93
49) Acenaphthylene	14.42	152	263666	44.545	ng		100
50) Dimethylphthalate	14.15	163	205214	41.099	ng		100
51) 2,6-Dinitrotoluene	14.28	165	46580	41.165	ng		98
52) Acenaphthene	14.76	154	149159	42.142	ng		98
53) 3-Nitroaniline	14.61	138	35083	30.415	ng	#	94
54) 2,4-Dinitrophenol	14.82	184	41894	63.376	ng		100
55) Dibenzofuran	15.09	168	254946	42.021	ng		98
56) 4-Nitrophenol	14.92	139	71154	81.315	ng		96
57) 2,4-Dinitrotoluene	15.06	165	67375	42.275	ng		98
58) Fluorene	15.74	166	206028	45.835	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	62155	46.432	ng		99
60) Diethylphthalate	15.50	149	216592	39.514	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	115705	41.256	ng		98
62) 4-Nitroaniline	15.78	138	51367	43.256	ng		97
63) Azobenzene	16.02	77	185777	40.571	ng		99
65) 4,6-Dinitro-2-methylphenol	15.82	198	40274	36.035	ng		96
66) n-Nitrosodiphenylamine	15.94	169	188711	40.994	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	78104	40.819	ng		99
68) Hexachlorobenzene	16.74	284	80170	40.419	ng		98
69) Atrazine	16.89	200	78405	45.895	ng		94
70) Pentachlorophenol	17.09	266	79286	67.581	ng		97
71) Phenanthrene	17.48	178	363185	44.703	ng		98
72) Anthracene	17.58	178	369520	46.072	ng		99
73) Carbazole	17.85	167	329452	41.534	ng		99
74) Di-n-butylphthalate	18.38	149	382693	42.046	ng		99
75) Fluoranthene	19.49	202	454752	45.239	ng		97
77) Benzidine	19.68	184	205383	42.512	ng		99
78) Pyrene	19.86	202	454012	42.069	ng		99
80) Butylbenzylphthalate	20.72	149	170156	40.357	ng		98
81) Benzo(a)anthracene	21.70	228	446430	44.848	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	116627	29.541	ng		100
83) Chrysene	21.77	228	413318	43.108	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	241331	40.357	ng		98
85) Di-n-octyl phthalate	22.80	149	412748	41.214	ng		100
86) Indeno(1,2,3-cd)pyrene	28.80	276	506770	44.957	ng	#	79
88) Benzo(b)fluoranthene	23.96	252	448183	46.802	ng		99
89) Benzo(k)fluoranthene	24.04	252	424705	44.538	ng		97
90) Benzo(a)pyrene	24.86	252	431333	46.689	ng		98
91) Dibenzo(a,h)anthracene	28.86	278	420427	45.706	ng		99
92) Benzo(g,h,i)perylene	29.99	276	415748	45.862	ng		96

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

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