Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038614.D
Acq On : 15 Dec 2018 21:26
Operator : JU/SJ
Sample : PB115720BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Manual Integrations APPROVED
Sohil
12/16/2018 2:01:20 PM

Quant Time: Dec 16 04:08:02 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	20191	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	80667	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	51177	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	133189	20.00	ng		0.00
76) Chrysene-d12	21.72	240	145741	20.00	ng		0.00
87) Perylene-d12	25.02	264	159099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	144775	127.18	ng		0.00
7) Phenol-d6	7.22	99	191496	122.54	ng		0.00
23) Nitrobenzene-d5	9.24	82	106415	67.39	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	85256	120.88	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	241291	64.68	ng		0.00
79) Terphenyl-d14	20.04	244	536687	80.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	24445	46.139	ng		91
3) Pyridine	3.89	79	53024	36.350	ng		93
4) n-Nitrosodimethylamine	3.81	42	34266	47.942	ng	#	89
6) Aniline	7.39	93	68208	34.190	ng		95
8) 2-Chlorophenol	7.62	128	58729	44.580	ng		98
9) Benzaldehyde	7.20	77	20339	20.062	ng		95
10) Phenol	7.24	94	76723	46.210	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	52778	39.927	ng		94
12) 1,3-Dichlorobenzene	7.94	146	60942	39.125	ng		95
13) 1,4-Dichlorobenzene	8.10	146	62308	39.058	ng		96
14) 1,2-Dichlorobenzene	8.41	146	60214	40.037	ng		98
15) Benzyl Alcohol	8.30	79	53883	44.173	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	120691	39.858	ng		99
17) 2-Methylphenol	8.50	107	50189	45.119	ng		95
18) Hexachloroethane	9.14	117	23628	40.533	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	43444	39.580	ng		96
20) 3+4-Methylphenols	8.83	107	67767	44.112	ng		94
22) Acetophenone	8.89	105	82834	41.111	ng		99
24) Nitrobenzene	9.28	77	68391	42.815	ng		98
25) Isophorone	9.79	82	121478	42.819	ng		97
26) 2-Nitrophenol	9.99	139	33866	41.423	ng		96
27) 2,4-Dimethylphenol	10.04	122	57138	48.765	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	70537	44.058	ng		95
29) 2,4-Dichlorophenol	10.52	162	60112	46.116	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	65573	41.647	ng		95
31) Naphthalene	10.93	128	174495	43.903	ng		98
32) Benzoic acid	10.19	122	22462m	33.954	ng		
33) 4-Chloroaniline	11.05	127	40291	23.350	ng	#	94
34) Hexachlorobutadiene	11.19	225	42477	39.870	ng		98
35) Caprolactam	11.82	113	19744	36.600	ng	#	91
36) 4-Chloro-3-methylphenol	12.15	107	62533	42.039	ng		98
37) 2-Methylnaphthalene	12.53	142	129200	45.565	ng		99
38) 1-Methylnaphthalene	12.74	142	123853	45.013	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	76938	40.219	ng		98

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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	12.86	237	108361	103.105	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	51979	44.192	ng		95
44) 2,4,5-Trichlorophenol	13.20	196	55866	44.860	ng		100
46) 1,1'-Biphenyl	13.53	154	170000	39.624	ng		99
47) 2-Chloronaphthalene	13.58	162	138081	41.666	ng		97
48) 2-Nitroaniline	13.79	65	46676	44.218	ng		94
49) Acenaphthylene	14.42	152	223330	45.078	ng		99
50) Dimethylphthalate	14.14	163	182976	43.782	ng		99
51) 2,6-Dinitrotoluene	14.28	165	41747	44.079	ng		99
52) Acenaphthene	14.76	154	126976	42.861	ng		94
53) 3-Nitroaniline	14.61	138	29243	30.289	ng		96
54) 2,4-Dinitrophenol	14.82	184	46366	82.131	ng		95
55) Dibenzofuran	15.09	168	215847	42.505	ng		97
56) 4-Nitrophenol	14.91	139	66226	90.421	ng		93
57) 2,4-Dinitrotoluene	15.06	165	59859	44.874	ng		98
58) Fluorene	15.74	166	172765	45.920	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	53145	47.433	ng		99
60) Diethylphthalate	15.50	149	192044	41.858	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	97201	41.407	ng		97
62) 4-Nitroaniline	15.78	138	46327	46.609	ng		96
63) Azobenzene	16.02	77	166441	43.426	ng		99
65) 4,6-Dinitro-2-methylphenol	15.82	198	38423	40.441	ng		97
66) n-Nitrosodiphenylamine	15.95	169	160417	40.992	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	64603	39.716	ng		91
68) Hexachlorobenzene	16.74	284	68014	40.336	ng		99
69) Atrazine	16.89	200	68710	47.311	ng		97
70) Pentachlorophenol	17.09	266	72947	73.141	ng		98
71) Phenanthrene	17.49	178	314246	45.499	ng		99
72) Anthracene	17.58	178	317514	46.567	ng		100
73) Carbazole	17.85	167	294644	43.695	ng		99
74) Di-n-butylphthalate	18.38	149	354554	45.823	ng		99
75) Fluoranthene	19.49	202	405582	47.461	ng		97
77) Benzidine	19.68	184	210707	48.886	ng		100
78) Pyrene	19.86	202	408485	42.426	ng		100
80) Butylbenzylphthalate	20.72	149	163197	43.385	ng		99
81) Benzo(a)anthracene	21.70	228	406839	45.812	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	100685	28.586	ng		98
83) Chrysene	21.77	228	378272	44.222	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	232781	43.633	ng		99
85) Di-n-octyl phthalate	22.80	149	397361	44.474	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	469475	46.684	ng	#	87
88) Benzo(b)fluoranthene	23.96	252	404427	46.299	ng		99
89) Benzo(k)fluoranthene	24.03	252	402727	46.299	ng		98
90) Benzo(a)pyrene	24.86	252	396376	47.036	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	392355	46.761	ng		100
92) Benzo(g,h,i)perylene	30.00	276	383630	46.393	ng		99

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

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