Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038610.D
Acq On : 15 Dec 2018 18:48
Operator : JU/SJ
Sample : PB115540BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115540BSD

Manual Integrations APPROVED
Sohil
12/16/2018 2:01:18 PM

Quant Time: Dec 16 04:04:07 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	20651	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	83769	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	53169	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	131644	20.00	ng		0.00
76) Chrysene-d12	21.72	240	143391	20.00	ng		0.00
87) Perylene-d12	25.02	264	155349	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	79272	68.08	ng		0.00
7) Phenol-d6	7.21	99	109320	68.39	ng		0.00
23) Nitrobenzene-d5	9.23	82	100785	61.46	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	46857	63.95	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	240482	62.05	ng		0.00
79) Terphenyl-d14	20.05	244	440368	66.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	13125	24.221	ng		94
3) Pyridine	3.89	79	36499	24.464	ng		97
4) n-Nitrosodimethylamine	3.82	42	24288	33.225	ng	#	84
6) Aniline	7.38	93	28162	13.802	ng		96
8) 2-Chlorophenol	7.62	128	43468	32.261	ng		97
9) Benzaldehyde	7.20	77	17119	16.510	ng		95
10) Phenol	7.24	94	54629	32.170	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	38074	28.162	ng		96
12) 1,3-Dichlorobenzene	7.94	146	45586	28.614	ng		99
13) 1,4-Dichlorobenzene	8.09	146	45808	28.075	ng		95
14) 1,2-Dichlorobenzene	8.41	146	43187	28.076	ng		97
15) Benzyl Alcohol	8.30	79	37257	29.863	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	86993	28.089	ng		99
17) 2-Methylphenol	8.49	107	36580	32.152	ng		96
18) Hexachloroethane	9.13	117	16506	27.685	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	31237	27.825	ng		94
20) 3+4-Methylphenols	8.83	107	51571	32.822	ng		96
22) Acetophenone	8.89	105	61524	29.404	ng	#	95
24) Nitrobenzene	9.28	77	49440	29.805	ng		99
25) Isophorone	9.79	82	88609	30.077	ng		99
26) 2-Nitrophenol	9.99	139	23008	27.100	ng		96
27) 2,4-Dimethylphenol	10.03	122	43264	35.557	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	51312	30.863	ng		99
29) 2,4-Dichlorophenol	10.52	162	44195	32.649	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	46530	28.458	ng		98
31) Naphthalene	10.93	128	128184	31.057	ng		97
32) Benzoic acid	10.17	122	13203m	23.630	ng		
33) 4-Chloroaniline	11.04	127	15895	8.870	ng		93
34) Hexachlorobutadiene	11.19	225	31393	28.375	ng		97
35) Caprolactam	11.81	113	14370	25.652	ng		97
36) 4-Chloro-3-methylphenol	12.15	107	44727	28.955	ng		97
37) 2-Methylnaphthalene	12.52	142	95651	32.484	ng		97
38) 1-Methylnaphthalene	12.75	142	90081	31.527	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	54924	27.636	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	72647	66.533	ng		100
43) 2,4,6-Trichlorophenol	13.13	196	36863	30.166	ng		95
44) 2,4,5-Trichlorophenol	13.21	196	41327	31.942	ng		97
46) 1,1'-Biphenyl	13.53	154	122242	27.425	ng		99
47) 2-Chloronaphthalene	13.58	162	100516	29.194	ng		97
48) 2-Nitroaniline	13.79	65	33789	30.810	ng		97
49) Acenaphthylene	14.42	152	161311	31.340	ng		99
50) Dimethylphthalate	14.15	163	132206	30.448	ng		97
51) 2,6-Dinitrotoluene	14.28	165	29189	29.665	ng		96
52) Acenaphthene	14.76	154	92313	29.993	ng		97
53) 3-Nitroaniline	14.61	138	13332	13.292	ng		98
54) 2,4-Dinitrophenol	14.82	184	29261	51.924	ng		98
55) Dibenzofuran	15.09	168	156386	29.642	ng		97
56) 4-Nitrophenol	14.91	139	46385	60.959	ng		99
57) 2,4-Dinitrotoluene	15.06	165	42341	30.552	ng		96
58) Fluorene	15.74	166	125061	31.995	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	36758	31.578	ng		99
60) Diethylphthalate	15.50	149	135471	28.421	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	70451	28.887	ng		99
62) 4-Nitroaniline	15.77	138	30499	29.535	ng		94
63) Azobenzene	16.02	77	119906	30.113	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	25961	27.645	ng		96
66) n-Nitrosodiphenylamine	15.94	169	115685	29.908	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	45868	28.529	ng		96
68) Hexachlorobenzene	16.74	284	48277	28.967	ng		98
69) Atrazine	16.88	200	49183	34.263	ng		97
70) Pentachlorophenol	17.09	266	48859	49.564	ng		94
71) Phenanthrene	17.48	178	223155	32.689	ng		99
72) Anthracene	17.58	178	225241	33.422	ng		99
73) Carbazole	17.85	167	208235	31.243	ng		100
74) Di-n-butylphthalate	18.38	149	252477	33.013	ng		99
75) Fluoranthene	19.49	202	289841	34.315	ng		96
77) Benzidine	19.68	184	68617	16.181	ng		97
78) Pyrene	19.86	202	292307	30.857	ng		99
80) Butylbenzylphthalate	20.72	149	113232	30.596	ng		95
81) Benzo(a)anthracene	21.70	228	285971	32.729	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	55320	15.964	ng	#	96
83) Chrysene	21.77	228	260997	31.012	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	159588	30.404	ng		98
85) Di-n-octyl phthalate	22.80	149	275765	31.370	ng		100
86) Indeno(1,2,3-cd)pyrene	28.79	276	313767	31.712	ng	#	88
88) Benzo(b)fluoranthene	23.96	252	286142	33.548	ng		100
89) Benzo(k)fluoranthene	24.03	252	265826	31.298	ng		97
90) Benzo(a)pyrene	24.86	252	272878	33.162	ng		100
91) Dibenzo(a,h)anthracene	28.86	278	265603	32.418	ng		98
92) Benzo(g,h,i)perylene	29.98	276	260599	32.276	ng		97

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

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