Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038609.D
Acq On : 15 Dec 2018 18:08
Operator : JU/SJ
Sample : PB115540BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Manual Integrations APPROVED
Sohil
12/16/2018 2:01:15 PM

Quant Time: Dec 16 04:02:54 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	22452	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	91332	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	58692	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	147735	20.00	ng		0.00
76) Chrysene-d12	21.72	240	157371	20.00	ng		0.00
87) Perylene-d12	25.02	264	170623	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	108119	85.41	ng		0.00
7) Phenol-d6	7.21	99	147236	84.73	ng		0.00
23) Nitrobenzene-d5	9.24	82	132130	73.91	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	64316	79.51	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	321844	75.23	ng		0.00
79) Terphenyl-d14	20.04	244	589063	81.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	17450	29.619	ng	#	87
3) Pyridine	3.89	79	47767	29.448	ng		88
4) n-Nitrosodimethylamine	3.82	42	33304	41.904	ng	#	90
6) Aniline	7.38	93	39882	17.978	ng		97
8) 2-Chlorophenol	7.62	128	58133	39.684	ng		98
9) Benzaldehyde	7.20	77	22800	20.225	ng		99
10) Phenol	7.24	94	75317	40.795	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	50183	34.141	ng		96
12) 1,3-Dichlorobenzene	7.95	146	60900	35.160	ng		94
13) 1,4-Dichlorobenzene	8.09	146	60797	34.273	ng		98
14) 1,2-Dichlorobenzene	8.41	146	58539	35.004	ng		97
15) Benzyl Alcohol	8.30	79	52206	38.488	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	117646	34.939	ng		98
17) 2-Methylphenol	8.50	107	50934	41.177	ng		97
18) Hexachloroethane	9.14	117	22108	34.106	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	42143	34.529	ng	#	96
20) 3+4-Methylphenols	8.83	107	67464	39.492	ng		95
22) Acetophenone	8.89	105	84367	36.982	ng	#	98
24) Nitrobenzene	9.28	77	67685	37.425	ng		97
25) Isophorone	9.79	82	117734	36.653	ng	#	97
26) 2-Nitrophenol	9.99	139	32729	35.358	ng		91
27) 2,4-Dimethylphenol	10.03	122	57515	43.355	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	68561	37.823	ng		97
29) 2,4-Dichlorophenol	10.52	162	59449	40.281	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	62453	35.033	ng		97
31) Naphthalene	10.93	128	172489	38.331	ng		99
32) Benzoic acid	10.18	122	21606m	30.375	ng		
33) 4-Chloroaniline	11.05	127	18587	9.514	ng	#	94
34) Hexachlorobutadiene	11.19	225	42200	34.985	ng		96
35) Caprolactam	11.82	113	19748	32.333	ng		100
36) 4-Chloro-3-methylphenol	12.15	107	62655	37.202	ng		98
37) 2-Methylnaphthalene	12.53	142	127578	39.739	ng		98
38) 1-Methylnaphthalene	12.75	142	122499	39.322	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	76659	34.942	ng		99

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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	102788	85.279	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	50519	37.451	ng		95
44) 2,4,5-Trichlorophenol	13.20	196	55889	39.132	ng		96
46) 1,1'-Biphenyl	13.53	154	169569	34.463	ng		99
47) 2-Chloronaphthalene	13.57	162	134881	35.489	ng		96
48) 2-Nitroaniline	13.79	65	45281	37.404	ng		97
49) Acenaphthylene	14.42	152	220073	38.733	ng		99
50) Dimethylphthalate	14.14	163	181292	37.824	ng		98
51) 2,6-Dinitrotoluene	14.27	165	40850	37.609	ng		99
52) Acenaphthene	14.76	154	125207	36.852	ng		96
53) 3-Nitroaniline	14.61	138	16518	14.918	ng		97
54) 2,4-Dinitrophenol	14.82	184	42826	67.155	ng		97
55) Dibenzofuran	15.09	168	211190	36.263	ng		96
56) 4-Nitrophenol	14.91	139	65379	77.835	ng		96
57) 2,4-Dinitrotoluene	15.06	165	58305	38.112	ng		96
58) Fluorene	15.74	166	170641	39.548	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	51860	40.359	ng		98
60) Diethylphthalate	15.50	149	189579	36.030	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	95435	35.449	ng		99
62) 4-Nitroaniline	15.78	138	42672	37.435	ng		98
63) Azobenzene	16.02	77	164796	37.492	ng		99
65) 4,6-Dinitro-2-methylphenol	15.82	198	35810	33.980	ng		96
66) n-Nitrosodiphenylamine	15.95	169	159214	36.679	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	61883	34.298	ng		96
68) Hexachlorobenzene	16.74	284	66285	35.440	ng		97
69) Atrazine	16.89	200	66715	41.414	ng		96
70) Pentachlorophenol	17.09	266	71080	64.252	ng		98
71) Phenanthrene	17.49	178	304918	39.801	ng		98
72) Anthracene	17.58	178	310733	41.086	ng		99
73) Carbazole	17.85	167	283469	37.898	ng		98
74) Di-n-butylphthalate	18.38	149	345448	40.250	ng		100
75) Fluoranthene	19.49	202	397943	41.982	ng		98
77) Benzidine	19.68	184	87522	18.805	ng		98
78) Pyrene	19.86	202	400421	38.515	ng		100
80) Butylbenzylphthalate	20.73	149	157473	38.770	ng		99
81) Benzo(a)anthracene	21.70	228	390670	40.740	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	75064	19.737	ng		98
83) Chrysene	21.77	228	361502	39.139	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	222426	38.611	ng		99
85) Di-n-octyl phthalate	22.80	149	376096	38.983	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	445599	41.035	ng	#	84
88) Benzo(b)fluoranthene	23.96	252	391704	41.813	ng		99
89) Benzo(k)fluoranthene	24.03	252	372917	39.976	ng		98
90) Benzo(a)pyrene	24.86	252	375721	41.573	ng		98
91) Dibenzo(a,h)anthracene	28.87	278	373273	41.482	ng		99
92) Benzo(g,h,i)perylene	29.99	276	367114	41.397	ng		96

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

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