Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039765.D
Acq On : 5 Mar 2019 15:27
Operator : JU/SJ
Sample : PB117619BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117619BS

Manual Integrations APPROVED
Sohil
3/6/2019 12:01:05 PM

Quant Time: Mar 06 00:47:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39997	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	178243	20.00	ng		-0.01
39) Acenaphthene-d10	14.79	164	126863	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	320617	20.00	ng		0.00
76) Chrysene-d12	21.82	240	324613	20.00	ng		-0.01
87) Perylene-d12	25.19	264	328413	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	343936	146.70	ng		0.00
7) Phenol-d6	7.30	99	487777	139.53	ng		-0.01
23) Nitrobenzene-d5	9.33	82	257726	78.20	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	203326	137.50	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	664232	74.55	ng		-0.01
79) Terphenyl-d14	20.12	244	1148097	77.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	40907	37.793	ng		95
3) Pyridine	3.99	79	102438	35.351	ng		95
4) n-Nitrosodimethylamine	3.91	42	55924	40.682	ng		96
6) Aniline	7.48	93	143935	31.427	ng		97
8) 2-Chlorophenol	7.72	128	123595	43.454	ng		95
9) Benzaldehyde	7.30	77	79946	35.453	ng		98
10) Phenol	7.33	94	173954	45.934	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	115787	39.215	ng		97
12) 1,3-Dichlorobenzene	8.04	146	126574	39.347	ng		99
13) 1,4-Dichlorobenzene	8.19	146	129245	39.444	ng		98
14) 1,2-Dichlorobenzene	8.51	146	126306	39.897	ng		99
15) Benzyl Alcohol	8.39	79	121099	43.671	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	229264	38.823	ng		100
17) 2-Methylphenol	8.59	107	111303	46.093	ng		98
18) Hexachloroethane	9.24	117	45801	38.956	ng		100
19) n-Nitroso-di-n-propylamine	8.96	70	98156	39.010	ng		92
20) 3+4-Methylphenols	8.92	107	156060	46.521	ng		97
22) Acetophenone	8.99	105	189140	39.536	ng	#	94
24) Nitrobenzene	9.37	77	146335	42.325	ng		96
25) Isophorone	9.89	82	284607	41.215	ng		96
26) 2-Nitrophenol	10.09	139	72229	43.269	ng		99
27) 2,4-Dimethylphenol	10.13	122	136521	52.585	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	172556	41.119	ng		97
29) 2,4-Dichlorophenol	10.61	162	139859	47.847	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	134647	40.936	ng		98
31) Naphthalene	11.03	128	391839	41.521	ng		99
32) Benzoic acid	10.26	122	74458	42.626	ng		98
33) 4-Chloroaniline	11.14	127	100132	25.022	ng		97
34) Hexachlorobutadiene	11.29	225	87346	38.861	ng		91
35) Caprolactam	11.92	113	50374m	45.114	ng		
36) 4-Chloro-3-methylphenol	12.24	107	154430	46.088	ng		97
37) 2-Methylnaphthalene	12.62	142	304124	43.104	ng		97
38) 1-Methylnaphthalene	12.84	142	290741	42.403	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	167627	39.003	ng		99

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Quant Time: Mar 06 00:47:55 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	224535	97.488	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	116808	46.423	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	129218	45.561	ng		99
46) 1,1'-Biphenyl	13.62	154	414984	39.771	ng		99
47) 2-Chloronaphthalene	13.67	162	322511	41.086	ng		98
48) 2-Nitroaniline	13.87	65	111699	44.279	ng		93
49) Acenaphthylene	14.51	152	519856	40.343	ng		99
50) Dimethylphthalate	14.23	163	441059	41.577	ng		100
51) 2,6-Dinitrotoluene	14.36	165	97525	43.366	ng		98
52) Acenaphthene	14.85	154	318296	41.040	ng		97
53) 3-Nitroaniline	14.70	138	63615	28.141	ng	#	98
54) 2,4-Dinitrophenol	14.90	184	93822	67.064	ng		98
55) Dibenzofuran	15.18	168	523537	41.143	ng		99
56) 4-Nitrophenol	14.99	139	173089	85.592	ng		91
57) 2,4-Dinitrotoluene	15.14	165	140007	44.307	ng		89
58) Fluorene	15.83	166	411875	41.173	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	127357	45.979	ng		98
60) Diethylphthalate	15.58	149	444294	42.308	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	217229	40.694	ng		95
62) 4-Nitroaniline	15.86	138	103610	42.277	ng		92
63) Azobenzene	16.11	77	397941	41.804	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	76776	40.500	ng		97
66) n-Nitrosodiphenylamine	16.03	169	386991	41.693	ng		97
67) 4-Bromophenyl-phenylether	16.71	248	145587	40.567	ng		96
68) Hexachlorobenzene	16.82	284	150526	40.464	ng		93
69) Atrazine	16.97	200	157053	42.993	ng		97
70) Pentachlorophenol	17.17	266	193015	82.156	ng		98
71) Phenanthrene	17.57	178	709214	40.159	ng		99
72) Anthracene	17.66	178	720336	41.857	ng		98
73) Carbazole	17.93	167	641786	41.367	ng		99
74) Di-n-butylphthalate	18.46	149	779151	42.684	ng		99
75) Fluoranthene	19.57	202	865340	41.461	ng		99
77) Benzidine	19.75	184	394455	38.293	ng		97
78) Pyrene	19.94	202	861438	40.839	ng		98
80) Butylbenzylphthalate	20.80	149	357312	43.723	ng		97
81) Benzo(a)anthracene	21.80	228	819717	40.292	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	179235	24.131	ng		99
83) Chrysene	21.87	228	784470	39.774	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	500251	43.561	ng		99
85) Di-n-octyl phthalate	22.92	149	844789	44.428	ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	937615	41.904	ng	#	96
88) Benzo(b)fluoranthene	24.11	252	826076	42.181	ng		99
89) Benzo(k)fluoranthene	24.18	252	780117	42.794	ng		99
90) Benzo(a)pyrene	25.03	252	798861	44.144	ng		99
91) Dibenzo(a,h)anthracene	29.14	278	758939	42.778	ng		99
92) Benzo(g,h,i)perylene	30.31	276	774093	43.445	ng		98

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

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