Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039766.D
Acq On : 5 Mar 2019 16:07
Operator : JU/SJ
Sample : PB117619BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117619BSD

Manual Integrations APPROVED
Sohil
3/6/2019 12:01:07 PM

Quant Time: Mar 06 00:49:36 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	40928	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	177574	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	126634	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	319344	20.00	ng		0.00
76) Chrysene-d12	21.82	240	326917	20.00	ng		-0.01
87) Perylene-d12	25.19	264	326049	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	344031	143.40	ng		0.00
7) Phenol-d6	7.30	99	492474	137.67	ng		-0.01
23) Nitrobenzene-d5	9.33	82	265427	80.84	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	197758	133.98	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	665282	74.80	ng		-0.01
79) Terphenyl-d14	20.12	244	1153472	77.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	40660	36.711	ng		98
3) Pyridine	3.99	79	102983	34.731	ng		97
4) n-Nitrosodimethylamine	3.91	42	55639	39.554	ng		92
6) Aniline	7.48	93	144716	30.879	ng		100
8) 2-Chlorophenol	7.72	128	127306	43.740	ng		96
9) Benzaldehyde	7.29	77	81356	35.258	ng		94
10) Phenol	7.33	94	173031	44.651	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	118933	39.364	ng		97
12) 1,3-Dichlorobenzene	8.04	146	126567	38.450	ng		98
13) 1,4-Dichlorobenzene	8.19	146	130802	39.012	ng		98
14) 1,2-Dichlorobenzene	8.51	146	126634	39.090	ng		96
15) Benzyl Alcohol	8.39	79	121683	42.883	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	232739	38.515	ng		100
17) 2-Methylphenol	8.59	107	111476	45.115	ng		98
18) Hexachloroethane	9.24	117	45602	37.905	ng		99
19) n-Nitroso-di-n-propylamine	8.96	70	100644	39.089	ng		93
20) 3+4-Methylphenols	8.92	107	156442	45.574	ng		96
22) Acetophenone	8.99	105	187696	39.382	ng	#	93
24) Nitrobenzene	9.38	77	145145	42.139	ng		97
25) Isophorone	9.89	82	286028	41.576	ng		97
26) 2-Nitrophenol	10.09	139	70746	42.540	ng		93
27) 2,4-Dimethylphenol	10.13	122	135111	52.238	ng		98
28) bis(2-Chloroethoxy)methane	10.37	93	173576	41.518	ng		98
29) 2,4-Dichlorophenol	10.62	162	142131	48.808	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	133611	40.774	ng		99
31) Naphthalene	11.03	128	394620	41.973	ng		98
32) Benzoic acid	10.26	122	77712	44.342	ng		97
33) 4-Chloroaniline	11.14	127	93010	23.330	ng		97
34) Hexachlorobutadiene	11.29	225	87838	39.227	ng		98
35) Caprolactam	11.92	113	51835m	46.598	ng		
36) 4-Chloro-3-methylphenol	12.24	107	151274	45.316	ng		96
37) 2-Methylnaphthalene	12.62	142	301011	42.824	ng		98
38) 1-Methylnaphthalene	12.84	142	289304	42.352	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	169196	39.439	ng		99

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Quant Time: Mar 06 00:49:36 2019
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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)
41) Hexachlorocyclopentadiene	12.95	237	223847	97.365	ng		96
43) 2,4,6-Trichlorophenol	13.22	196	117108	46.626	ng		100
44) 2,4,5-Trichlorophenol	13.29	196	127894	45.175	ng		98
46) 1,1'-Biphenyl	13.62	154	417579	40.092	ng		99
47) 2-Chloronaphthalene	13.67	162	322705	41.185	ng		99
48) 2-Nitroaniline	13.87	65	113849	45.213	ng		97
49) Acenaphthylene	14.51	152	522820	40.646	ng		99
50) Dimethylphthalate	14.23	163	440163	41.568	ng		100
51) 2,6-Dinitrotoluene	14.36	165	97870	43.598	ng		91
52) Acenaphthene	14.85	154	318929	41.196	ng		99
53) 3-Nitroaniline	14.70	138	62418	27.661	ng	#	90
54) 2,4-Dinitrophenol	14.90	184	98891	70.521	ng		98
55) Dibenzofuran	15.18	168	519903	40.931	ng		97
56) 4-Nitrophenol	14.99	139	172948	85.677	ng		90
57) 2,4-Dinitrotoluene	15.14	165	140848	44.654	ng		87
58) Fluorene	15.83	166	414107	41.471	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	126774	45.852	ng		98
60) Diethylphthalate	15.58	149	449161	42.849	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	219441	41.183	ng		97
62) 4-Nitroaniline	15.86	138	105256	43.026	ng		90
63) Azobenzene	16.11	77	400232	42.121	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	78830	41.749	ng		94
66) n-Nitrosodiphenylamine	16.03	169	387066	41.867	ng		96
67) 4-Bromophenyl-phenylether	16.71	248	145686	40.757	ng		96
68) Hexachlorobenzene	16.82	284	148758	40.148	ng		95
69) Atrazine	16.97	200	156224	42.936	ng		98
70) Pentachlorophenol	17.17	266	191910	82.011	ng		99
71) Phenanthrene	17.57	178	710617	40.399	ng		99
72) Anthracene	17.66	178	726434	42.380	ng		98
73) Carbazole	17.93	167	637362	41.246	ng		99
74) Di-n-butylphthalate	18.46	149	780532	42.930	ng		99
75) Fluoranthene	19.57	202	864336	41.578	ng		99
77) Benzidine	19.75	184	398942	38.456	ng		98
78) Pyrene	19.94	202	862365	40.595	ng		99
80) Butylbenzylphthalate	20.80	149	363122	44.121	ng		94
81) Benzo(a)anthracene	21.80	228	811430	39.604	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	177012	23.664	ng		99
83) Chrysene	21.87	228	790840	39.814	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	499725	43.209	ng		100
85) Di-n-octyl phthalate	22.92	149	859998	44.909	ng		96
86) Indeno(1,2,3-cd)pyrene	29.08	276	941065	41.762	ng		99
88) Benzo(b)fluoranthene	24.11	252	831306	42.756	ng		99
89) Benzo(k)fluoranthene	24.18	252	784394	43.340	ng		97
90) Benzo(a)pyrene	25.03	252	803875	44.743	ng		98
91) Dibenzo(a,h)anthracene	29.14	278	768595	43.637	ng		98
92) Benzo(g,h,i)perylene	30.30	276	781593	44.184	ng		97

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

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