Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039943.D
Acq On : 15 Mar 2019 16:10
Operator : JU/SJ
Sample : PB117964BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117964BSD

Manual Integrations APPROVED
Sohil
3/18/2019 3:02:41 PM

Quant Time: Mar 16 04:28:43 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	8.15	152	38833	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	169638	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	109502	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	266459	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	280208	20.00	ng		-0.02
87) Perylene-d12	25.17	264	265211	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	322049	141.48	ng		-0.02
7) Phenol-d6	7.29	99	450953	132.87	ng		-0.02
23) Nitrobenzene-d5	9.33	82	252776	80.59	ng		-0.02
42) 2,4,6-Tribromophenol	16.27	330	170574	133.64	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	600314	78.06	ng		-0.02
79) Terphenyl-d14	20.11	244	1006107	79.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	37947	36.110	ng		95
3) Pyridine	3.98	79	99497	35.366	ng		94
4) n-Nitrosodimethylamine	3.90	42	54401	40.760	ng	#	91
6) Aniline	7.47	93	124166	27.924	ng		99
8) 2-Chlorophenol	7.71	128	116950	42.350	ng		98
9) Benzaldehyde	7.29	77	49047	22.403	ng		96
10) Phenol	7.32	94	155445	42.277	ng		100
11) bis(2-Chloroethyl)ether	7.57	93	112713	39.318	ng		96
12) 1,3-Dichlorobenzene	8.04	146	123787	39.635	ng		94
13) 1,4-Dichlorobenzene	8.18	146	126045	39.621	ng		97
14) 1,2-Dichlorobenzene	8.51	146	121820	39.633	ng		99
15) Benzyl Alcohol	8.39	79	114125	42.389	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	233613	40.746	ng		100
17) 2-Methylphenol	8.58	107	104578	44.606	ng		93
18) Hexachloroethane	9.23	117	44310	38.818	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	92029	37.672	ng		94
20) 3+4-Methylphenols	8.91	107	138959	42.665	ng		95
22) Acetophenone	8.97	105	174765	38.384	ng	#	96
24) Nitrobenzene	9.37	77	139497	42.394	ng		99
25) Isophorone	9.88	82	265073	40.333	ng		99
26) 2-Nitrophenol	10.08	139	66992	42.168	ng	#	91
27) 2,4-Dimethylphenol	10.12	122	119903	48.527	ng		91
28) bis(2-Chloroethoxy)methane	10.36	93	162687	40.734	ng		99
29) 2,4-Dichlorophenol	10.61	162	127345	45.776	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	129141	41.254	ng		97
31) Naphthalene	11.02	128	364274	40.558	ng		99
32) Benzoic acid	10.26	122	61625	37.929	ng		98
33) 4-Chloroaniline	11.13	127	80752	21.203	ng		97
34) Hexachlorobutadiene	11.28	225	89454	41.818	ng		95
35) Caprolactam	11.91	113	41325m	38.887	ng		
36) 4-Chloro-3-methylphenol	12.23	107	134444	42.159	ng		98
37) 2-Methylnaphthalene	12.61	142	279122	41.567	ng		98
38) 1-Methylnaphthalene	12.83	142	263831	40.430	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	157437	42.440	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	199621	100.412	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	104383	48.062	ng		95
44) 2,4,5-Trichlorophenol	13.29	196	105713	43.183	ng		98
46) 1,1'-Biphenyl	13.61	154	368923	40.962	ng		99
47) 2-Chloronaphthalene	13.66	162	285549	42.145	ng		99
48) 2-Nitroaniline	13.87	65	94572	43.433	ng		98
49) Acenaphthylene	14.50	152	445980	40.097	ng		99
50) Dimethylphthalate	14.22	163	368493	40.244	ng		100
51) 2,6-Dinitrotoluene	14.36	165	80628	41.537	ng		94
52) Acenaphthene	14.84	154	271195	40.511	ng		97
53) 3-Nitroaniline	14.69	138	56019	28.709	ng	#	95
54) 2,4-Dinitrophenol	14.89	184	86837	71.533	ng		98
55) Dibenzofuran	15.17	168	446244	40.629	ng		99
56) 4-Nitrophenol	14.98	139	142850	81.838	ng		90
57) 2,4-Dinitrotoluene	15.14	165	116450	42.695	ng		86
58) Fluorene	15.82	166	348967	40.416	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	107870	45.118	ng		96
60) Diethylphthalate	15.57	149	368610	40.666	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	186349	40.444	ng		98
62) 4-Nitroaniline	15.85	138	88263	41.725	ng		92
63) Azobenzene	16.09	77	336958	41.010	ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	66263	42.059	ng		97
66) n-Nitrosodiphenylamine	16.02	169	318879	41.337	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	123608	41.443	ng		95
68) Hexachlorobenzene	16.81	284	124171	40.164	ng		96
69) Atrazine	16.96	200	129340	42.603	ng		99
70) Pentachlorophenol	17.16	266	154919	79.343	ng		97
71) Phenanthrene	17.56	178	591203	40.281	ng		99
72) Anthracene	17.65	178	601376	42.047	ng		99
73) Carbazole	17.93	167	538792	41.787	ng		99
74) Di-n-butylphthalate	18.46	149	655291	43.195	ng		100
75) Fluoranthene	19.57	202	736464	42.459	ng		97
77) Benzidine	19.74	184	288933	32.494	ng		99
78) Pyrene	19.93	202	739146	40.594	ng		98
80) Butylbenzylphthalate	20.79	149	308569	43.742	ng		98
81) Benzo(a)anthracene	21.79	228	710639	40.466	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	171219	26.705	ng		99
83) Chrysene	21.86	228	684021	40.177	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	432550	43.635	ng		98
85) Di-n-octyl phthalate	22.90	149	741484	45.175	ng		95
86) Indeno(1,2,3-cd)pyrene	29.04	276	809343	41.904	ng		100
88) Benzo(b)fluoranthene	24.10	252	717053	45.340	ng		99
89) Benzo(k)fluoranthene	24.17	252	683147	46.405	ng		98
90) Benzo(a)pyrene	25.02	252	692187	47.365	ng		98
91) Dibenzo(a,h)anthracene	29.11	278	653810	45.635	ng		98
92) Benzo(g,h,i)perylene	30.27	276	675159	46.922	ng		98

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

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