Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039189.D
Acq On : 17 Jan 2019 16:43
Operator : JU/SJ
Sample : PB116414BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116414BSD

Manual Integrations APPROVED
Sohil
1/18/2019 11:24:03 AM

Quant Time: Jan 18 04:36:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	20278	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	78662	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	55270	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	140430	20.00	ng		0.00
76) Chrysene-d12	21.68	240	166378	20.00	ng		0.00
87) Perylene-d12	24.94	264	178286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	149118	139.50	ng		0.00
7) Phenol-d6	7.18	99	205067	133.30	ng		0.00
23) Nitrobenzene-d5	9.19	82	111419	77.51	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	114080	123.13	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	336734	83.38	ng		0.00
79) Terphenyl-d14	20.01	244	737070	81.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	26338	62.918	ng		94
3) Pyridine	3.85	79	41424	36.418	ng		97
4) n-Nitrosodimethylamine	3.77	42	24803	48.458	ng		96
6) Aniline	7.34	93	55039	29.790	ng		99
8) 2-Chlorophenol	7.58	128	53036	42.089	ng		99
9) Benzaldehyde	7.16	77	15511	17.484	ng		96
10) Phenol	7.20	94	68050	44.121	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	45219	38.360	ng		97
12) 1,3-Dichlorobenzene	7.90	146	58994	39.076	ng		99
13) 1,4-Dichlorobenzene	8.05	146	60894	39.826	ng		98
14) 1,2-Dichlorobenzene	8.37	146	57677	39.563	ng		97
15) Benzyl Alcohol	8.26	79	47264	40.797	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	90173	39.893	ng		98
17) 2-Methylphenol	8.46	107	44549	41.597	ng		95
18) Hexachloroethane	9.09	117	21175	40.764	ng		95
19) n-Nitroso-di-n-propylamine	8.82	70	38168	37.782	ng		97
20) 3+4-Methylphenols	8.79	107	66372	43.468	ng		94
22) Acetophenone	8.85	105	77219	37.590	ng	#	98
24) Nitrobenzene	9.23	77	58206	40.058	ng		96
25) Isophorone	9.75	82	106301	42.928	ng		100
26) 2-Nitrophenol	9.95	139	31581	40.183	ng		96
27) 2,4-Dimethylphenol	9.99	122	52520	47.499	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	64551	43.374	ng		99
29) 2,4-Dichlorophenol	10.48	162	62664	45.618	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	67560	40.933	ng		93
31) Naphthalene	10.88	128	164656	41.735	ng		99
32) Benzoic acid	10.16	122	15162m	27.355	ng		
33) 4-Chloroaniline	11.00	127	32706	18.527	ng		98
34) Hexachlorobutadiene	11.14	225	45956	40.466	ng		98
35) Caprolactam	11.78	113	19834m	36.007	ng		
36) 4-Chloro-3-methylphenol	12.11	107	59323	40.378	ng		85
37) 2-Methylnaphthalene	12.48	142	134387	45.433	ng		99
38) 1-Methylnaphthalene	12.71	142	118626	41.783	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	85345	41.116	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	99710	84.912	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	51730	39.597	ng		95
44) 2,4,5-Trichlorophenol	13.17	196	57356	41.540	ng		99
46) 1,1'-Biphenyl	13.49	154	165641	37.822	ng		97
47) 2-Chloronaphthalene	13.54	162	131731	37.170	ng		98
48) 2-Nitroaniline	13.75	65	38191	38.466	ng		95
49) Acenaphthylene	14.38	152	222170	41.708	ng		99
50) Dimethylphthalate	14.11	163	194222	41.584	ng		98
51) 2,6-Dinitrotoluene	14.24	165	43395	41.557	ng		98
52) Acenaphthene	14.72	154	125636	39.255	ng		94
53) 3-Nitroaniline	14.58	138	25578	24.146	ng		94
54) 2,4-Dinitrophenol	14.79	184	46511	74.870	ng		96
55) Dibenzofuran	15.05	168	219798	38.885	ng		99
56) 4-Nitrophenol	14.89	139	65592	86.058	ng		97
57) 2,4-Dinitrotoluene	15.03	165	59766	39.894	ng		96
58) Fluorene	15.70	166	179899	42.282	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	56471	43.326	ng	#	98
60) Diethylphthalate	15.46	149	186747	38.808	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	101043	37.696	ng		96
62) 4-Nitroaniline	15.74	138	45822	41.524	ng		96
63) Azobenzene	15.98	77	145800	38.744	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	39156	37.636	ng		98
66) n-Nitrosodiphenylamine	15.91	169	162272	38.979	ng		96
67) 4-Bromophenyl-phenylether	16.59	248	68300	37.836	ng		96
68) Hexachlorobenzene	16.70	284	74584	37.864	ng		98
69) Atrazine	16.85	200	76208	43.091	ng		96
70) Pentachlorophenol	17.06	266	79035	66.033	ng		95
71) Phenanthrene	17.45	178	316696	42.666	ng		100
72) Anthracene	17.54	178	331125	45.118	ng		100
73) Carbazole	17.81	167	302753	41.788	ng		99
74) Di-n-butylphthalate	18.34	149	364475	45.221	ng		99
75) Fluoranthene	19.46	202	439160	47.725	ng		99
77) Benzidine	19.65	184	157814	31.012	ng		100
78) Pyrene	19.82	202	434843	41.011	ng		99
80) Butylbenzylphthalate	20.69	149	165373	41.008	ng		96
81) Benzo(a)anthracene	21.66	228	425758	42.037	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	101828	24.675	ng		97
83) Chrysene	21.73	228	406380	42.187	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	244157	43.603	ng		97
85) Di-n-octyl phthalate	22.74	149	396234	41.849	ng		99
86) Indeno(1,2,3-cd)pyrene	28.69	276	495005	43.005	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	449995	45.775	ng		99
89) Benzo(k)fluoranthene	23.97	252	424502	43.674	ng		98
90) Benzo(a)pyrene	24.79	252	429399	45.190	ng		98
91) Dibenzo(a,h)anthracene	28.75	278	418736	44.304	ng		97
92) Benzo(g,h,i)perylene	29.87	276	409010	43.712	ng		98

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

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