Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042591.D
Acq On : 30 Aug 2019 9:00
Operator : HP/JU
Sample : PB122614BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122614BS

Manual Integrations APPROVED
mohammad
8/31/2019 2:42:37 PM

Quant Time: Aug 30 16:23:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	31205	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	124038	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	91994	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	211294	20.00	ng		0.00
76) Chrysene-d12	21.69	240	241813	20.00	ng		0.00
87) Perylene-d12	24.92	264	263064	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	177628	115.29	ng		0.00
7) Phenol-d6	7.16	99	220643	106.02	ng		0.00
23) Nitrobenzene-d5	9.17	82	115303	64.24	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	143019	109.38	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	374440	68.84	ng		0.00
79) Terphenyl-d14	20.02	244	753209	67.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	22793	35.448	ng		97
3) Pyridine	3.82	79	51280	31.102	ng		99
4) n-Nitrosodimethylamine	3.73	42	25289	42.944	ng		89
6) Aniline	7.31	93	77716	27.997	ng		100
8) 2-Chlorophenol	7.56	128	79758	42.713	ng		97
9) Benzaldehyde	7.13	77	45252	43.430	ng		98
10) Phenol	7.19	94	87125	41.173	ng		93
11) bis(2-Chloroethyl)ether	7.41	93	61414	36.955	ng		94
12) 1,3-Dichlorobenzene	7.88	146	92387	38.893	ng		97
13) 1,4-Dichlorobenzene	8.03	146	94008	39.070	ng		99
14) 1,2-Dichlorobenzene	8.35	146	89709	38.932	ng		99
15) Benzyl Alcohol	8.24	79	59634	39.827	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	80225	35.616	ng		99
17) 2-Methylphenol	8.45	107	61525	39.474	ng		96
18) Hexachloroethane	9.09	117	31622	38.389	ng		98
19) n-Nitroso-di-n-propylamine	8.81	70	48668	36.095	ng		92
20) 3+4-Methylphenols	8.78	107	84018	38.956	ng		98
22) Acetophenone	8.82	105	109235	41.175	ng	#	98
24) Nitrobenzene	9.21	77	71973	39.597	ng		99
25) Isophorone	9.74	82	132166	37.310	ng		99
26) 2-Nitrophenol	9.92	139	47425	41.636	ng		93
27) 2,4-Dimethylphenol	9.99	122	71343	45.469	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	82875	37.119	ng		99
29) 2,4-Dichlorophenol	10.47	162	88141	42.936	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	103277	40.987	ng		99
31) Naphthalene	10.87	128	234514	40.723	ng		99
32) Benzoic acid	10.13	122	32286	31.696	ng		98
33) 4-Chloroaniline	10.98	127	62260	23.420	ng		99
34) Hexachlorobutadiene	11.16	225	70925	41.882	ng		99
35) Caprolactam	11.75	113	23887m	34.872	ng		
36) 4-Chloro-3-methylphenol	12.11	107	78830	40.451	ng		99
37) 2-Methylnaphthalene	12.48	142	187479	40.544	ng		99
38) 1-Methylnaphthalene	12.70	142	172471	39.267	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	130146	44.054	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	112141	72.263	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	81408	40.768	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	85307	41.224	ng		98
46) 1,1'-Biphenyl	13.49	154	244520	41.120	ng		99
47) 2-Chloronaphthalene	13.53	162	203417	39.672	ng		99
48) 2-Nitroaniline	13.73	65	44336	35.857	ng		94
49) Acenaphthylene	14.38	152	314572	40.779	ng		99
50) Dimethylphthalate	14.11	163	253010	38.117	ng		100
51) 2,6-Dinitrotoluene	14.22	165	61131	39.732	ng		98
52) Acenaphthene	14.72	154	183223	39.115	ng		98
53) 3-Nitroaniline	14.56	138	43017	27.956	ng		99
54) 2,4-Dinitrophenol	14.78	184	64743	63.800	ng		99
55) Dibenzofuran	15.06	168	318593	41.090	ng		99
56) 4-Nitrophenol	14.88	139	85473	78.174	ng		95
57) 2,4-Dinitrotoluene	15.02	165	86040	39.052	ng		97
58) Fluorene	15.70	166	257222	40.583	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	84486	41.285	ng	#	93
60) Diethylphthalate	15.47	149	243639	37.548	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	153560	40.191	ng		97
62) 4-Nitroaniline	15.73	138	61855	37.560	ng		96
63) Azobenzene	15.99	77	166893	37.536	ng		96
65) 4,6-Dinitro-2-methylphenol	15.79	198	53749	40.574	ng		99
66) n-Nitrosodiphenylamine	15.91	169	234068	40.282	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	108626	40.530	ng		97
68) Hexachlorobenzene	16.72	284	112577	38.640	ng		99
69) Atrazine	16.86	200	89243	43.430	ng		96
70) Pentachlorophenol	17.07	266	128613	84.960	ng		98
71) Phenanthrene	17.45	178	438146	41.747	ng		99
72) Anthracene	17.54	178	450858	43.031	ng		98
73) Carbazole	17.81	167	395256	42.328	ng		98
74) Di-n-butylphthalate	18.37	149	449460	40.718	ng		99
75) Fluoranthene	19.47	202	589366	46.013	ng		96
77) Benzidine	19.64	184	238839	34.450	ng		99
78) Pyrene	19.82	202	602377	40.631	ng		98
80) Butylbenzylphthalate	20.70	149	217426	37.287	ng		99
81) Benzo(a)anthracene	21.67	228	595789	40.502	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	215810	36.479	ng		99
83) Chrysene	21.73	228	584635	41.211	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	313503	38.722	ng		97
85) Di-n-octyl phthalate	22.78	149	544524	39.104	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	760821	39.464	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	646892	44.730	ng		98
89) Benzo(k)fluoranthene	23.97	252	647861	46.604	ng		97
90) Benzo(a)pyrene	24.78	252	638554	46.530	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	632320	45.507	ng		98
92) Benzo(g,h,i)perylene	29.79	276	638196	45.923	ng		96

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

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