Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
Data File : BG042752.D
Acq On : 6 Sep 2019 17:33
Operator : HP/JU
Sample : PB122813BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122813BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:59:48 AM

Quant Time: Sep 06 18:16:42 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	7.99	152	26555	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	119390	20.00	ng		-0.01
39) Acenaphthene-d10	14.66	164	100835	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	252430	20.00	ng		0.00
76) Chrysene-d12	21.69	240	208656	20.00	ng		0.00
87) Perylene-d12	24.93	264	204033	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	156015	118.99	ng		0.00
7) Phenol-d6	7.17	99	203577	114.94	ng		0.00
23) Nitrobenzene-d5	9.16	82	104169	60.29	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	169124	118.00	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	387542	65.00	ng		0.00
79) Terphenyl-d14	20.02	244	766425	79.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	15862	28.989	ng		96
3) Pyridine	3.82	79	34633	24.683	ng		95
4) n-Nitrosodimethylamine	3.73	42	20040	39.989	ng		86
6) Aniline	7.31	93	66420	28.117	ng		96
8) 2-Chlorophenol	7.56	128	73442	46.218	ng		98
9) Benzaldehyde	7.12	77	27420	30.924	ng		95
10) Phenol	7.19	94	80324	44.606	ng		90
11) bis(2-Chloroethyl)ether	7.41	93	51460	36.387	ng		96
12) 1,3-Dichlorobenzene	7.88	146	73466	36.343	ng		97
13) 1,4-Dichlorobenzene	8.03	146	76608	37.414	ng		99
14) 1,2-Dichlorobenzene	8.35	146	74121	37.800	ng		96
15) Benzyl Alcohol	8.24	79	54565	42.823	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	65375	34.106	ng		100
17) 2-Methylphenol	8.45	107	58631	44.205	ng		94
18) Hexachloroethane	9.08	117	25072	35.767	ng		95
19) n-Nitroso-di-n-propylamine	8.80	70	43716	38.100	ng	#	93
20) 3+4-Methylphenols	8.78	107	80880	44.068	ng		97
22) Acetophenone	8.82	105	100258	39.262	ng	#	98
24) Nitrobenzene	9.20	77	64529	36.884	ng		98
25) Isophorone	9.73	82	126812	37.192	ng		98
26) 2-Nitrophenol	9.92	139	44653	40.728	ng		94
27) 2,4-Dimethylphenol	9.99	122	73170	48.449	ng		94
28) bis(2-Chloroethoxy)methane	10.21	93	78411	36.487	ng		97
29) 2,4-Dichlorophenol	10.47	162	90305	45.702	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	94260	38.865	ng		98
31) Naphthalene	10.87	128	218158	39.358	ng		100
32) Benzoic acid	10.16	122	27537	29.017	ng		99
33) 4-Chloroaniline	10.98	127	67324	26.311	ng		98
34) Hexachlorobutadiene	11.15	225	63192	38.768	ng		99
35) Caprolactam	11.75	113	27544m	41.776	ng		
36) 4-Chloro-3-methylphenol	12.11	107	82678	44.077	ng		97
37) 2-Methylnaphthalene	12.48	142	187251	42.072	ng		96
38) 1-Methylnaphthalene	12.70	142	176777	41.815	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	130618	40.337	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	79349	46.649	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	86180	39.373	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	95294	42.013	ng		97
46) 1,1'-Biphenyl	13.49	154	254577	39.057	ng		97
47) 2-Chloronaphthalene	13.53	162	211336	37.602	ng		99
48) 2-Nitroaniline	13.73	65	47781	35.255	ng		98
49) Acenaphthylene	14.38	152	337429	39.906	ng		99
50) Dimethylphthalate	14.11	163	287962	39.579	ng		99
51) 2,6-Dinitrotoluene	14.23	165	70538	41.827	ng		97
52) Acenaphthene	14.72	154	196111	38.196	ng		97
53) 3-Nitroaniline	14.56	138	46927	27.823	ng		99
54) 2,4-Dinitrophenol	14.78	184	80158	71.254	ng		100
55) Dibenzofuran	15.06	168	349951	41.177	ng		98
56) 4-Nitrophenol	14.89	139	90722	75.699	ng		93
57) 2,4-Dinitrotoluene	15.03	165	99809	41.330	ng		97
58) Fluorene	15.71	166	288515	41.529	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	98387m	43.862	ng		
60) Diethylphthalate	15.47	149	287396	40.408	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	173886	41.521	ng		98
62) 4-Nitroaniline	15.73	138	68387	37.886	ng		91
63) Azobenzene	15.99	77	180374	37.011	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	69222	43.739	ng		96
66) n-Nitrosodiphenylamine	15.91	169	269218	38.781	ng		100
67) 4-Bromophenyl-phenylether	16.60	248	124256	38.807	ng		98
68) Hexachlorobenzene	16.72	284	131943	37.907	ng		99
69) Atrazine	16.87	200	104070	42.393	ng		97
70) Pentachlorophenol	17.07	266	140280	77.566	ng		99
71) Phenanthrene	17.45	178	505466	40.313	ng		99
72) Anthracene	17.55	178	510085	40.750	ng		99
73) Carbazole	17.81	167	438700	39.324	ng		99
74) Di-n-butylphthalate	18.37	149	510252	38.693	ng		99
75) Fluoranthene	19.47	202	627570	41.011	ng		97
77) Benzidine	19.65	184	117697	19.674	ng		99
78) Pyrene	19.83	202	623356	48.728	ng		99
80) Butylbenzylphthalate	20.71	149	173611	34.504	ng		92
81) Benzo(a)anthracene	21.67	228	503288	39.651	ng		96
82) 3,3'-Dichlorobenzidine	21.58	252	168161	32.941	ng	#	99
83) Chrysene	21.74	228	492854	40.262	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	245213	35.100	ng		98
85) Di-n-octyl phthalate	22.78	149	438737	36.514	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	627369	37.713	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	533248	47.539	ng	#	97
89) Benzo(k)fluoranthene	23.97	252	543848	50.441	ng	#	98
90) Benzo(a)pyrene	24.79	252	534155	50.184	ng	#	97
91) Dibenzo(a,h)anthracene	28.70	278	527889	48.982	ng	#	97
92) Benzo(g,h,i)perylene	29.80	276	528426	49.025	ng		96

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

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