Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
Data File : BG039148.D
Acq On : 16 Jan 2019 5:40
Operator : JU/SJ
Sample : PB116389BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116389BS

Manual Integrations APPROVED
Sohil
1/16/2019 2:06:17 PM

Quant Time: Jan 16 06:20:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	2410	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	16737	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	22333	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	123823	20.00	ng		0.00
76) Chrysene-d12	21.69	240	193930	20.00	ng		-0.01
87) Perylene-d12	24.96	264	196665	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	22182	174.60	ng		0.00
7) Phenol-d6	7.18	99	48082	262.98	ng		0.00
23) Nitrobenzene-d5	9.20	82	27318	89.31	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	96269	257.15	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	105358	64.56	ng		0.00
79) Terphenyl-d14	20.02	244	915574	87.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	470	9.447	ng	#	1
3) Pyridine	3.88	79	4198	31.054	ng		89
4) n-Nitrosodimethylamine	3.79	42	2676	43.990	ng	#	70
6) Aniline	7.35	93	6572	29.930	ng	#	84
8) 2-Chlorophenol	7.58	128	10656	71.155	ng		93
9) Benzaldehyde	7.18	77	2326	22.060	ng		87
10) Phenol	7.21	94	15966	87.101	ng		100
11) bis(2-Chloroethyl)ether	7.44	93	6990	49.894	ng		88
12) 1,3-Dichlorobenzene	7.91	146	6386m	35.591	ng		
13) 1,4-Dichlorobenzene	8.06	146	7841	43.149	ng		94
14) 1,2-Dichlorobenzene	8.38	146	7162	41.336	ng		94
15) Benzyl Alcohol	8.27	79	10900	79.165	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	12479	46.453	ng		97
17) 2-Methylphenol	8.47	107	10770	84.616	ng		88
18) Hexachloroethane	9.09	117	2202	35.668	ng	#	77
19) n-Nitroso-di-n-propylamine	8.83	70	6997	58.278	ng		99
20) 3+4-Methylphenols	8.80	107	16923	93.254	ng		94
22) Acetophenone	8.85	105	15920	36.423	ng	#	98
24) Nitrobenzene	9.25	77	12194	39.442	ng		100
25) Isophorone	9.76	82	26559	50.409	ng		98
26) 2-Nitrophenol	9.96	139	7089	42.392	ng		98
27) 2,4-Dimethylphenol	10.00	122	14214	60.417	ng		95
28) bis(2-Chloroethoxy)methane	10.24	93	13596	42.937	ng		97
29) 2,4-Dichlorophenol	10.49	162	19884	68.032	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	12824	36.517	ng		91
31) Naphthalene	10.89	128	37089	44.183	ng		98
32) Benzoic acid	10.16	122	10502m	67.742	ng		
33) 4-Chloroaniline	11.01	127	8913	23.729	ng	#	92
34) Hexachlorobutadiene	11.15	225	6470	26.775	ng		92
35) Caprolactam	11.78	113	14384m	122.729	ng		
36) 4-Chloro-3-methylphenol	12.12	107	29428	94.138	ng		93
37) 2-Methylnaphthalene	12.49	142	35905	57.050	ng		98
38) 1-Methylnaphthalene	12.71	142	35555	58.858	ng	#	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	23375	27.869	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	12244	29.796	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	22617	42.845	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	30484	54.638	ng		97
46) 1,1'-Biphenyl	13.49	154	59245	33.479	ng		99
47) 2-Chloronaphthalene	13.55	162	50677	35.388	ng		99
48) 2-Nitroaniline	13.76	65	25450	63.437	ng		97
49) Acenaphthylene	14.39	152	100873	46.865	ng		97
50) Dimethylphthalate	14.11	163	96194	50.971	ng		98
51) 2,6-Dinitrotoluene	14.25	165	24309	57.613	ng		96
52) Acenaphthene	14.73	154	57187	44.221	ng		93
53) 3-Nitroaniline	14.59	138	10715	25.033	ng	#	97
54) 2,4-Dinitrophenol	14.80	184	23592	92.610	ng		92
55) Dibenzofuran	15.06	168	118518	51.891	ng		99
56) 4-Nitrophenol	14.90	139	69065	224.253	ng		91
57) 2,4-Dinitrotoluene	15.04	165	48430	80.004	ng	#	92
58) Fluorene	15.71	166	107524	62.543	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	41933	79.620	ng		96
60) Diethylphthalate	15.47	149	118719	61.056	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	55209	50.972	ng		99
62) 4-Nitroaniline	15.76	138	42600	95.538	ng		97
63) Azobenzene	15.99	77	90313	59.393	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	29285	31.923	ng		98
66) n-Nitrosodiphenylamine	15.91	169	115853	31.561	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	54122	34.003	ng		94
68) Hexachlorobenzene	16.71	284	61197	35.235	ng		97
69) Atrazine	16.86	200	68506	43.931	ng		98
70) Pentachlorophenol	17.06	266	74278	70.000	ng		95
71) Phenanthrene	17.45	178	341638	52.199	ng		99
72) Anthracene	17.55	178	323983	50.066	ng		100
73) Carbazole	17.82	167	374523	58.627	ng		98
74) Di-n-butylphthalate	18.35	149	379998	53.471	ng		99
75) Fluoranthene	19.47	202	562757	69.360	ng		100
77) Benzidine	19.65	184	103306	17.416	ng		98
78) Pyrene	19.83	202	583328	47.199	ng		98
80) Butylbenzylphthalate	20.70	149	227791	48.460	ng		100
81) Benzo(a)anthracene	21.67	228	562359	47.636	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	69273	14.402	ng		96
83) Chrysene	21.74	228	521000	46.402	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	327341	50.154	ng		97
85) Di-n-octyl phthalate	22.75	149	457566	41.460	ng		100
86) Indeno(1,2,3-cd)pyrene	28.72	276	565118	42.121	ng	#	96
88) Benzo(b)fluoranthene	23.92	252	535344	49.367	ng		97
89) Benzo(k)fluoranthene	23.99	252	509634	47.532	ng		99
90) Benzo(a)pyrene	24.81	252	514011	49.039	ng		100
91) Dibenzo(a,h)anthracene	28.78	278	462374	44.349	ng		99
92) Benzo(g,h,i)perylene	29.91	276	431663	41.822	ng		96

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

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