Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041326.D
Acq On : 19 Jun 2019 13:48
Operator : HP/JU
Sample : PB120729BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120729BSD

Manual Integrations APPROVED
mohammad
6/21/2019 9:57:31 PM

Quant Time: Jun 19 15:19:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31610	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	124098	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	92332	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	237852	20.00	ng		0.00
76) Chrysene-d12	21.74	240	283859	20.00	ng		0.00
87) Perylene-d12	25.05	264	255148	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	148753	86.47	ng		0.00
7) Phenol-d6	7.23	99	209477	84.00	ng		0.00
23) Nitrobenzene-d5	9.26	82	210236	71.25	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	113540	80.10	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	471394	69.39	ng		0.00
79) Terphenyl-d14	20.06	244	974374	68.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	28955	33.565	ng		94
3) Pyridine	3.88	79	74668	32.627	ng		95
4) n-Nitrosodimethylamine	3.79	42	47660	39.052	ng	#	98
6) Aniline	7.40	93	79780	23.017	ng		95
8) 2-Chlorophenol	7.64	128	87852	43.460	ng		94
9) Benzaldehyde	7.26	77	2845	1.784	ng	#	17
10) Phenol	7.26	94	114738	42.788	ng		97
11) bis(2-Chloroethyl)ether	7.50	93	77794	38.234	ng		97
12) 1,3-Dichlorobenzene	7.96	146	96497	38.126	ng		98
13) 1,4-Dichlorobenzene	8.11	146	98822	38.223	ng		94
14) 1,2-Dichlorobenzene	8.43	146	93336	37.796	ng		97
15) Benzyl Alcohol	8.32	79	94228	39.439	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	123946	37.213	ng		97
17) 2-Methylphenol	8.52	107	80456	41.967	ng		96
18) Hexachloroethane	9.16	117	37431	36.535	ng		98
19) n-Nitroso-di-n-propylamine	8.88	70	74724	37.050	ng		99
20) 3+4-Methylphenols	8.85	107	109308	42.830	ng		93
22) Acetophenone	8.91	105	143182	39.649	ng	#	95
24) Nitrobenzene	9.30	77	119319	40.206	ng		96
25) Isophorone	9.82	82	210375	38.861	ng		98
26) 2-Nitrophenol	10.01	139	50708	42.146	ng		97
27) 2,4-Dimethylphenol	10.06	122	85436	47.373	ng		97
28) bis(2-Chloroethoxy)methane	10.30	93	109564	38.843	ng		98
29) 2,4-Dichlorophenol	10.55	162	100218	44.817	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	115521	40.337	ng		98
31) Naphthalene	10.95	128	277774	41.185	ng		98
32) Benzoic acid	10.21	122	49793	42.413	ng		96
33) 4-Chloroaniline	11.07	127	65674	22.928	ng	#	95
34) Hexachlorobutadiene	11.21	225	83219	36.608	ng		97
35) Caprolactam	11.86	113	31439m	40.839	ng		
36) 4-Chloro-3-methylphenol	12.18	107	111380	43.121	ng		96
37) 2-Methylnaphthalene	12.55	142	206421	41.554	ng		99
38) 1-Methylnaphthalene	12.77	142	196407	41.325	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	153078	40.150	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	152875	59.527	ng		100
43) 2,4,6-Trichlorophenol	13.15	196	96117	40.752	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	104857	43.208	ng		98
46) 1,1'-Biphenyl	13.55	154	285136	40.849	ng		100
47) 2-Chloronaphthalene	13.60	162	236385	39.334	ng		97
48) 2-Nitroaniline	13.81	65	85876	39.018	ng		92
49) Acenaphthylene	14.44	152	364496	39.970	ng		99
50) Dimethylphthalate	14.17	163	306648	37.326	ng		99
51) 2,6-Dinitrotoluene	14.29	165	70506	40.702	ng		96
52) Acenaphthene	14.78	154	216687	40.465	ng		96
53) 3-Nitroaniline	14.64	138	49758	29.155	ng	#	99
54) 2,4-Dinitrophenol	14.84	184	81976	66.674	ng		88
55) Dibenzofuran	15.11	168	380057	40.820	ng		98
56) 4-Nitrophenol	14.93	139	108316	83.401	ng		93
57) 2,4-Dinitrotoluene	15.08	165	99945	39.470	ng		97
58) Fluorene	15.76	166	295021	40.281	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	109955	43.814	ng		98
60) Diethylphthalate	15.52	149	320174	38.343	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	186077	39.049	ng		97
62) 4-Nitroaniline	15.80	138	70728	38.748	ng		98
63) Azobenzene	16.04	77	299524	40.208	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	58585	37.947	ng		94
66) n-Nitrosodiphenylamine	15.96	169	267130	42.297	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	123143	40.040	ng		95
68) Hexachlorobenzene	16.76	284	130001	39.474	ng		97
69) Atrazine	16.91	200	105796	49.252	ng		95
70) Pentachlorophenol	17.11	266	152444	90.397	ng		97
71) Phenanthrene	17.51	178	529468	41.738	ng		99
72) Anthracene	17.60	178	541448	43.294	ng		99
73) Carbazole	17.87	167	470255	42.984	ng		97
74) Di-n-butylphthalate	18.40	149	554541	40.624	ng		99
75) Fluoranthene	19.51	202	713163	42.317	ng		99
77) Benzidine	19.69	184	195313	28.447	ng		99
78) Pyrene	19.87	202	715271	37.363	ng		100
80) Butylbenzylphthalate	20.73	149	268611	37.096	ng		96
81) Benzo(a)anthracene	21.72	228	701364	36.492	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	191278	28.351	ng		98
83) Chrysene	21.79	228	684656	37.042	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	363896	36.876	ng		98
85) Di-n-octyl phthalate	22.82	149	622646	37.295	ng		100
86) Indeno(1,2,3-cd)pyrene	28.85	276	781297	35.628	ng		99
88) Benzo(b)fluoranthene	23.99	252	697286	44.097	ng		98
89) Benzo(k)fluoranthene	24.06	252	689800	44.036	ng		99
90) Benzo(a)pyrene	24.89	252	683307	45.757	ng		98
91) Dibenzo(a,h)anthracene	28.92	278	656380	43.659	ng		98
92) Benzo(g,h,i)perylene	30.06	276	629994	42.402	ng		97

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

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