Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039692.D
Acq On : 1 Mar 2019 18:23
Operator : JU/SJ
Sample : PB117428BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117428BS

Quant Time: Mar 02 03:11:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	47778	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	202825	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	133261	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	322240	20.00	ng		0.00
76) Chrysene-d12	21.82	240	330134	20.00	ng		0.00
87) Perylene-d12	25.19	264	335884	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	395130	141.54	ng		0.00
7) Phenol-d6	7.31	99	546153	132.91	ng		0.00
23) Nitrobenzene-d5	9.34	82	298925	92.07	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	201162	140.18	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	703147	75.69	ng		0.00
79) Terphenyl-d14	20.12	244	1170096	75.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	49457	40.502	ng		96
3) Pyridine	4.00	79	128672	39.799	ng		98
4) n-Nitrosodimethylamine	3.92	42	66794	41.311	ng	#	80
6) Aniline	7.49	93	143105	27.804	ng		97
8) 2-Chlorophenol	7.72	128	143123	46.903	ng		98
9) Benzaldehyde	7.30	77	104745	58.009	ng		98
10) Phenol	7.34	94	193772	45.238	ng		94
11) bis(2-Chloroethyl)ether	7.58	93	137267	40.555	ng		92
12) 1,3-Dichlorobenzene	8.05	146	151029	40.856	ng		97
13) 1,4-Dichlorobenzene	8.20	146	152626	41.424	ng		98
14) 1,2-Dichlorobenzene	8.52	146	147267	41.288	ng		99
15) Benzyl Alcohol	8.40	79	135480	41.996	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	260727	34.111	ng		98
17) 2-Methylphenol	8.60	107	124657	44.971	ng		96
18) Hexachloroethane	9.25	117	53484	42.193	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	105979	36.338	ng	#	95
20) 3+4-Methylphenols	8.92	107	168822	44.228	ng		98
22) Acetophenone	8.99	105	207671	38.117	ng	#	95
24) Nitrobenzene	9.39	77	165514	47.189	ng		92
25) Isophorone	9.90	82	301900	41.962	ng		97
26) 2-Nitrophenol	10.10	139	82521	56.703	ng		94
27) 2,4-Dimethylphenol	10.14	122	144886	49.782	ng		99
28) bis(2-Chloroethoxy)methane	10.38	93	188110	42.449	ng		97
29) 2,4-Dichlorophenol	10.63	162	152888	48.065	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	153901	43.096	ng		99
31) Naphthalene	11.04	128	435378	43.269	ng		99
32) Benzoic acid	10.26	122	64440	36.479	ng		87
33) 4-Chloroaniline	11.15	127	104201	22.335	ng		97
34) Hexachlorobutadiene	11.30	225	98871	41.631	ng		92
35) Caprolactam	11.93	113	50413	38.300	ng		95
36) 4-Chloro-3-methylphenol	12.25	107	158159	42.994	ng		98
37) 2-Methylnaphthalene	12.63	142	330641	44.367	ng		99
38) 1-Methylnaphthalene	12.85	142	311797	43.403	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	181560	42.821	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	238768	103.344	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	123714	47.455	ng		96
44) 2,4,5-Trichlorophenol	13.30	196	130968	47.933	ng		96
46) 1,1'-Biphenyl	13.62	154	439180	39.610	ng		100
47) 2-Chloronaphthalene	13.67	162	340713	40.848	ng		98
48) 2-Nitroaniline	13.88	65	113619	47.519	ng		95
49) Acenaphthylene	14.51	152	540912	42.978	ng		98
50) Dimethylphthalate	14.23	163	434286	40.351	ng		99
51) 2,6-Dinitrotoluene	14.37	165	99439	49.239	ng		93
52) Acenaphthene	14.86	154	327177	40.047	ng		97
53) 3-Nitroaniline	14.70	138	70032	34.165	ng	#	91
54) 2,4-Dinitrophenol	14.90	184	53741	66.080	ng		99
55) Dibenzofuran	15.18	168	531403	40.569	ng		98
56) 4-Nitrophenol	15.00	139	159118	81.639	ng		88
57) 2,4-Dinitrotoluene	15.15	165	141372	53.748	ng	#	83
58) Fluorene	15.83	166	420030	43.015	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	129697	50.697	ng		97
60) Diethylphthalate	15.58	149	439420	39.488	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	221735	40.104	ng		96
62) 4-Nitroaniline	15.87	138	106580	47.292	ng		90
63) Azobenzene	16.11	77	403013	37.054	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	58765	46.780	ng		96
66) n-Nitrosodiphenylamine	16.04	169	382386	39.026	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	146016	40.845	ng		96
68) Hexachlorobenzene	16.82	284	148016	41.268	ng		99
69) Atrazine	16.97	200	155297	43.371	ng		95
70) Pentachlorophenol	17.18	266	174527	70.012	ng		97
71) Phenanthrene	17.57	178	713117	42.757	ng		100
72) Anthracene	17.67	178	721699	43.931	ng		99
73) Carbazole	17.94	167	643139	39.228	ng		99
74) Di-n-butylphthalate	18.47	149	788379	41.218	ng		99
75) Fluoranthene	19.58	202	875050	45.203	ng		99
77) Benzidine	19.75	184	351278	32.455	ng		99
78) Pyrene	19.94	202	878774	42.759	ng		99
80) Butylbenzylphthalate	20.81	149	369882	42.665	ng		92
81) Benzo(a)anthracene	21.80	228	825481	42.316	ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	204129	28.221	ng		98
83) Chrysene	21.87	228	796588	42.897	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	514533	41.601	ng		100
85) Di-n-octyl phthalate	22.93	149	881357	43.133	ng		96
86) Indeno(1,2,3-cd)pyrene	29.08	276	935077	46.933	ng		97
88) Benzo(b)fluoranthene	24.11	252	824195	44.995	ng		97
89) Benzo(k)fluoranthene	24.19	252	807296	43.897	ng		99
90) Benzo(a)pyrene	25.04	252	811013	45.973	ng		98
91) Dibenzo(a,h)anthracene	29.15	278	749656	45.376	ng		99
92) Benzo(g,h,i)perylene	30.31	276	755189	45.861	ng		98

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

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