Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039734.D
Acq On : 4 Mar 2019 16:52
Operator : JU/SJ
Sample : PB117567BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117567BS

Manual Integrations APPROVED
Sohil
3/5/2019 5:21:40 PM

Quant Time: Mar 05 06:36:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41981	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	180616	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	125095	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	321529	20.00	ng		0.00
76) Chrysene-d12	21.82	240	334082	20.00	ng		0.00
87) Perylene-d12	25.19	264	338184	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	352748	143.35	ng		0.00
7) Phenol-d6	7.31	99	497619	135.62	ng		0.00
23) Nitrobenzene-d5	9.33	82	257545	77.12	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	201843	138.43	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	648325	73.79	ng		-0.01
79) Terphenyl-d14	20.12	244	1121945	73.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	41961	36.935	ng		96
3) Pyridine	3.99	79	108117	35.548	ng		96
4) n-Nitrosodimethylamine	3.91	42	55026	38.137	ng		92
6) Aniline	7.48	93	143102	29.769	ng		100
8) 2-Chlorophenol	7.72	128	123055	41.219	ng		95
9) Benzaldehyde	7.29	77	80216	33.892	ng		98
10) Phenol	7.33	94	165051	41.524	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	113525	36.632	ng		96
12) 1,3-Dichlorobenzene	8.04	146	124849	36.977	ng		97
13) 1,4-Dichlorobenzene	8.19	146	126741	36.852	ng		100
14) 1,2-Dichlorobenzene	8.51	146	123967	37.307	ng		98
15) Benzyl Alcohol	8.39	79	112896	38.788	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	222303	35.866	ng		98
17) 2-Methylphenol	8.59	107	109238	43.100	ng		96
18) Hexachloroethane	9.25	117	43591	35.324	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	95026	35.981	ng		95
20) 3+4-Methylphenols	8.92	107	148159	42.078	ng		98
22) Acetophenone	8.99	105	179651	37.059	ng	#	94
24) Nitrobenzene	9.38	77	138290	39.473	ng		96
25) Isophorone	9.89	82	273816	39.131	ng		99
26) 2-Nitrophenol	10.09	139	68676	40.600	ng		94
27) 2,4-Dimethylphenol	10.13	122	129394	49.185	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	167193	39.318	ng		97
29) 2,4-Dichlorophenol	10.62	162	133590	45.102	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	130756	39.231	ng		99
31) Naphthalene	11.03	128	371425	38.840	ng		99
32) Benzoic acid	10.26	122	71380	40.683	ng		98
33) 4-Chloroaniline	11.14	127	86847	21.417	ng		96
34) Hexachlorobutadiene	11.30	225	83563	36.690	ng		92
35) Caprolactam	11.92	113	45860m	40.532	ng		
36) 4-Chloro-3-methylphenol	12.24	107	145969	42.991	ng		97
37) 2-Methylnaphthalene	12.62	142	289377	40.475	ng		99
38) 1-Methylnaphthalene	12.84	142	275257	39.617	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	159021	37.524	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	219742	96.755	ng		97
43) 2,4,6-Trichlorophenol	13.22	196	111471	44.928	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	122645	43.854	ng		97
46) 1,1'-Biphenyl	13.62	154	396237	38.511	ng		100
47) 2-Chloronaphthalene	13.67	162	307047	39.669	ng		98
48) 2-Nitroaniline	13.87	65	105884	42.567	ng		94
49) Acenaphthylene	14.51	152	497318	39.139	ng		98
50) Dimethylphthalate	14.23	163	423106	40.449	ng		100
51) 2,6-Dinitrotoluene	14.36	165	94303	42.526	ng		96
52) Acenaphthene	14.85	154	304724	39.845	ng		99
53) 3-Nitroaniline	14.70	138	57383	25.743	ng	#	91
54) 2,4-Dinitrophenol	14.90	184	113043	80.779	ng		100
55) Dibenzofuran	15.18	168	500158	39.861	ng		99
56) 4-Nitrophenol	14.99	139	167894	84.196	ng		90
57) 2,4-Dinitrotoluene	15.14	165	134262	43.089	ng	#	89
58) Fluorene	15.83	166	394239	39.967	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	123170	45.096	ng		96
60) Diethylphthalate	15.58	149	428364	41.368	ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	211319	40.147	ng		98
62) 4-Nitroaniline	15.86	138	101036	41.809	ng		92
63) Azobenzene	16.11	77	380715	40.560	ng		96
65) 4,6-Dinitro-2-methylphenol	15.90	198	77810	40.929	ng		98
66) n-Nitrosodiphenylamine	16.03	169	366348	39.357	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	141374	39.282	ng		93
68) Hexachlorobenzene	16.82	284	142883	38.300	ng		95
69) Atrazine	16.97	200	150383	41.050	ng		98
70) Pentachlorophenol	17.17	266	190272	80.758	ng		99
71) Phenanthrene	17.58	178	679393	38.362	ng		99
72) Anthracene	17.66	178	690285	39.997	ng		98
73) Carbazole	17.93	167	620113	39.857	ng		97
74) Di-n-butylphthalate	18.46	149	755244	41.257	ng		99
75) Fluoranthene	19.57	202	840852	40.174	ng		99
77) Benzidine	19.75	184	444759	41.953	ng		97
78) Pyrene	19.94	202	841026	38.741	ng		99
80) Butylbenzylphthalate	20.80	149	347367	41.301	ng		95
81) Benzo(a)anthracene	21.80	228	795924	38.014	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	169000	22.108	ng		98
83) Chrysene	21.87	228	774590	38.160	ng		100
84) Bis(2-ethylhexyl)phthalate	21.66	149	480888	40.688	ng		100
85) Di-n-octyl phthalate	22.92	149	825884	42.203	ng		95
86) Indeno(1,2,3-cd)pyrene	29.07	276	913217	39.657	ng	#	96
88) Benzo(b)fluoranthene	24.11	252	809525	40.142	ng		99
89) Benzo(k)fluoranthene	24.18	252	773420	41.201	ng		99
90) Benzo(a)pyrene	25.03	252	790771	42.435	ng		98
91) Dibenzo(a,h)anthracene	29.15	278	739308	40.468	ng		99
92) Benzo(g,h,i)perylene	30.30	276	752911	41.035	ng		97

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

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