Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039747.D
Acq On : 5 Mar 2019 1:22
Operator : JU/SJ
Sample : PB117574BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117574BS

Manual Integrations APPROVED
Sohil
3/5/2019 5:21:45 PM

Quant Time: Mar 05 06:55:11 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	42650	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	185926	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	130454	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	325624	20.00	ng		0.00
76) Chrysene-d12	21.82	240	337299	20.00	ng		-0.01
87) Perylene-d12	25.19	264	349773	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	359814	143.93	ng		0.00
7) Phenol-d6	7.31	99	504375	135.31	ng		0.00
23) Nitrobenzene-d5	9.33	82	272543	79.28	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	204482	134.48	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	680362	74.26	ng		-0.01
79) Terphenyl-d14	20.12	244	1169890	76.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	42534	36.852	ng		96
3) Pyridine	3.99	79	108882	35.238	ng		99
4) n-Nitrosodimethylamine	3.91	42	58907	40.186	ng		91
6) Aniline	7.48	93	152320	31.189	ng		98
8) 2-Chlorophenol	7.72	128	131360	43.311	ng		97
9) Benzaldehyde	7.29	77	83308	34.646	ng		97
10) Phenol	7.33	94	178020	44.084	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	121403	38.559	ng		97
12) 1,3-Dichlorobenzene	8.04	146	131763	38.413	ng		94
13) 1,4-Dichlorobenzene	8.19	146	134917	38.614	ng		99
14) 1,2-Dichlorobenzene	8.51	146	133212	39.461	ng		96
15) Benzyl Alcohol	8.39	79	122941	41.577	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	239851	38.090	ng		98
17) 2-Methylphenol	8.59	107	115520	44.864	ng		99
18) Hexachloroethane	9.24	117	48302	38.528	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	101672	37.894	ng		91
20) 3+4-Methylphenols	8.92	107	159445	44.573	ng		98
22) Acetophenone	8.99	105	191051	38.285	ng	#	96
24) Nitrobenzene	9.38	77	148531	41.185	ng		98
25) Isophorone	9.89	82	292918	40.665	ng		99
26) 2-Nitrophenol	10.09	139	72517	41.646	ng	#	94
27) 2,4-Dimethylphenol	10.13	122	139121	51.372	ng		98
28) bis(2-Chloroethoxy)methane	10.37	93	179273	40.955	ng		99
29) 2,4-Dichlorophenol	10.61	162	144677	47.450	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	140936	41.078	ng		98
31) Naphthalene	11.03	128	402842	40.923	ng		98
32) Benzoic acid	10.26	122	81916	44.597	ng		90
33) 4-Chloroaniline	11.14	127	89097	21.344	ng		94
34) Hexachlorobutadiene	11.29	225	89638	38.233	ng		92
35) Caprolactam	11.92	113	51174m	43.937	ng		
36) 4-Chloro-3-methylphenol	12.24	107	156842	44.874	ng		99
37) 2-Methylnaphthalene	12.62	142	308654	41.939	ng		98
38) 1-Methylnaphthalene	12.84	142	299136	41.825	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	169926	38.450	ng		99

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Quant Time: Mar 05 06:55:11 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)
41) Hexachlorocyclopentadiene	12.95	237	238999	100.911	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	118056	45.627	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	128836	44.176	ng		98
46) 1,1'-Biphenyl	13.62	154	424969	39.607	ng		100
47) 2-Chloronaphthalene	13.67	162	327665	40.594	ng		97
48) 2-Nitroaniline	13.87	65	114003	43.948	ng		94
49) Acenaphthylene	14.51	152	536659	40.500	ng		99
50) Dimethylphthalate	14.23	163	448063	41.075	ng		100
51) 2,6-Dinitrotoluene	14.36	165	98299	42.507	ng		99
52) Acenaphthene	14.85	154	328619	41.205	ng		99
53) 3-Nitroaniline	14.70	138	61778	26.576	ng	#	96
54) 2,4-Dinitrophenol	14.90	184	119717	81.952	ng		98
55) Dibenzofuran	15.18	168	529795	40.489	ng		99
56) 4-Nitrophenol	14.99	139	178176	85.682	ng		91
57) 2,4-Dinitrotoluene	15.14	165	140830	43.341	ng	#	88
58) Fluorene	15.82	166	422019	41.026	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	131482	46.162	ng		97
60) Diethylphthalate	15.58	149	450843	41.750	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	225168	41.020	ng		96
62) 4-Nitroaniline	15.86	138	106035	42.075	ng		94
63) Azobenzene	16.11	77	404261	41.299	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	81662	42.415	ng		99
66) n-Nitrosodiphenylamine	16.03	169	394862	41.887	ng		97
67) 4-Bromophenyl-phenylether	16.71	248	148675	40.791	ng		90
68) Hexachlorobenzene	16.82	284	148729	39.366	ng		95
69) Atrazine	16.97	200	159555	43.006	ng		98
70) Pentachlorophenol	17.17	266	200517	84.037	ng		98
71) Phenanthrene	17.57	178	725826	40.468	ng		99
72) Anthracene	17.66	178	737743	42.209	ng		99
73) Carbazole	17.93	167	651396	41.341	ng		98
74) Di-n-butylphthalate	18.46	149	793500	42.802	ng		99
75) Fluoranthene	19.57	202	876126	41.333	ng		99
77) Benzidine	19.75	184	459404	42.921	ng		99
78) Pyrene	19.94	202	874460	39.897	ng		99
80) Butylbenzylphthalate	20.80	149	374540	44.107	ng		93
81) Benzo(a)anthracene	21.80	228	843994	39.925	ng		98
82) 3,3'-Dichlorobenzidine	21.71	252	183059	23.719	ng		97
83) Chrysene	21.87	228	799029	38.988	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	516825	43.312	ng		100
85) Di-n-octyl phthalate	22.92	149	880615	44.570	ng		95
86) Indeno(1,2,3-cd)pyrene	29.07	276	977724	42.053	ng	#	96
88) Benzo(b)fluoranthene	24.11	252	865495	41.495	ng		98
89) Benzo(k)fluoranthene	24.18	252	806020	41.515	ng		100
90) Benzo(a)pyrene	25.03	252	826161	42.865	ng		99
91) Dibenzo(a,h)anthracene	29.14	278	787332	41.669	ng		100
92) Benzo(g,h,i)perylene	30.30	276	807817	42.569	ng		98

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

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