Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039786.D
Acq On : 6 Mar 2019 14:09
Operator : JU/SJ
Sample : K1704-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MS

Manual Integrations APPROVED
Sohil
3/7/2019 3:42:36 PM

Quant Time: Mar 07 00:31:27 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	8.15	152	43446	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	195817	20.00	ng		-0.01
39) Acenaphthene-d10	14.79	164	139349	20.00	ng		0.00
64) Phenanthrene-d10	17.52	188	341486	20.00	ng		-0.01
76) Chrysene-d12	21.82	240	336730	20.00	ng		-0.01
87) Perylene-d12	25.19	264	349163	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	313969	123.29	ng		-0.01
7) Phenol-d6	7.30	99	459411	120.99	ng		-0.01
23) Nitrobenzene-d5	9.33	82	262276	72.44	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	182813	112.55	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	636350	65.02	ng		-0.01
79) Terphenyl-d14	20.12	244	1029067	67.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	34201	29.089	ng		96
3) Pyridine	3.99	79	62781	19.946	ng		94
4) n-Nitrosodimethylamine	3.91	42	57050	38.206	ng		96
6) Aniline	7.48	93	73981	14.871	ng		97
8) 2-Chlorophenol	7.72	128	117306	37.969	ng		97
9) Benzaldehyde	7.30	77	72181	29.469	ng		97
10) Phenol	7.33	94	173340	42.138	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	111579	34.790	ng		97
12) 1,3-Dichlorobenzene	8.04	146	117294	33.568	ng		98
13) 1,4-Dichlorobenzene	8.20	146	122904	34.532	ng		98
14) 1,2-Dichlorobenzene	8.51	146	119054	34.621	ng		98
15) Benzyl Alcohol	8.39	79	114792	38.110	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	226151	35.256	ng		99
17) 2-Methylphenol	8.59	107	107367	40.933	ng		99
18) Hexachloroethane	9.24	117	42546	33.315	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	97115	35.532	ng		92
20) 3+4-Methylphenols	8.92	107	148447	40.738	ng		96
22) Acetophenone	8.99	105	182741	34.770	ng	#	93
24) Nitrobenzene	9.38	77	140629	37.025	ng		96
25) Isophorone	9.89	82	283240	37.336	ng		99
26) 2-Nitrophenol	10.09	139	68218	37.199	ng		95
27) 2,4-Dimethylphenol	10.13	122	125693	44.069	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	168671	36.586	ng		98
29) 2,4-Dichlorophenol	10.62	162	133260	41.498	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	131048	36.266	ng		96
31) Naphthalene	11.03	128	378160	36.475	ng		99
32) Benzoic acid	10.25	122	61884m	33.855	ng		
33) 4-Chloroaniline	11.14	127	38774	8.820	ng	#	90
34) Hexachlorobutadiene	11.29	225	82988	33.608	ng		95
35) Caprolactam	11.92	113	49021m	39.962	ng		
36) 4-Chloro-3-methylphenol	12.24	107	149849	40.707	ng		95
37) 2-Methylnaphthalene	12.62	142	290406	37.466	ng		96
38) 1-Methylnaphthalene	12.84	142	279003	37.039	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	162756	34.476	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	187490	74.110	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	115189	41.678	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	127155	40.816	ng		96
46) 1,1'-Biphenyl	13.62	154	400123	34.911	ng		99
47) 2-Chloronaphthalene	13.66	162	308829	35.818	ng		99
48) 2-Nitroaniline	13.88	65	110166	39.758	ng		92
49) Acenaphthylene	14.51	152	510578	36.072	ng		98
50) Dimethylphthalate	14.23	163	471279	40.445	ng		100
51) 2,6-Dinitrotoluene	14.36	165	94539	38.272	ng		94
52) Acenaphthene	14.85	154	305727	35.887	ng		99
53) 3-Nitroaniline	14.69	138	42504	17.117	ng	#	93
54) 2,4-Dinitrophenol	14.90	184	101957	66.405	ng		99
55) Dibenzofuran	15.18	168	506101	36.209	ng		99
56) 4-Nitrophenol	14.99	139	168216	75.729	ng		92
57) 2,4-Dinitrotoluene	15.14	165	133346	38.418	ng		90
58) Fluorene	15.83	166	401374	36.529	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	125660	41.302	ng		98
60) Diethylphthalate	15.58	149	436230	37.818	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	211935	36.145	ng		96
62) 4-Nitroaniline	15.86	138	97536	36.232	ng		97
63) Azobenzene	16.11	77	392497	37.538	ng		96
65) 4,6-Dinitro-2-methylphenol	15.90	198	76358	37.818	ng		97
66) n-Nitrosodiphenylamine	16.03	169	379352	38.372	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	139994	36.625	ng		96
68) Hexachlorobenzene	16.82	284	143391	36.190	ng		97
69) Atrazine	16.97	200	152933	39.306	ng		96
70) Pentachlorophenol	17.17	266	181905	72.695	ng		98
71) Phenanthrene	17.57	178	675200	35.897	ng		98
72) Anthracene	17.66	178	691420	37.722	ng		99
73) Carbazole	17.94	167	606163	36.683	ng		99
74) Di-n-butylphthalate	18.46	149	725947	37.339	ng		99
75) Fluoranthene	19.57	202	792116	35.634	ng		98
77) Benzidine	19.75	184	104683	9.797	ng		98
78) Pyrene	19.93	202	789025	36.060	ng		99
80) Butylbenzylphthalate	20.80	149	332056	39.170	ng		94
81) Benzo(a)anthracene	21.79	228	745089	35.306	ng		97
82) 3,3'-Dichlorobenzidine	21.71	252	121349	15.750	ng		98
83) Chrysene	21.86	228	720228	35.202	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	470501	39.496	ng		100
85) Di-n-octyl phthalate	22.92	149	801240	40.622	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	863648	37.210	ng		100
88) Benzo(b)fluoranthene	24.11	252	761287	36.563	ng		98
89) Benzo(k)fluoranthene	24.18	252	724092	37.360	ng		99
90) Benzo(a)pyrene	25.03	252	733335	38.115	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	703957	37.321	ng		98
92) Benzo(g,h,i)perylene	30.29	276	712227	37.597	ng		98

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

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