Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039787.D
Acq On : 6 Mar 2019 14:49
Operator : JU/SJ
Sample : K1704-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
3/7/2019 3:42:39 PM

Quant Time: Mar 07 00:34:17 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	40173	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	180061	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	126538	20.00	ng		0.00
64) Phenanthrene-d10	17.52	188	308131	20.00	ng		0.00
76) Chrysene-d12	21.82	240	297006	20.00	ng		0.00
87) Perylene-d12	25.18	264	306524	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	306141	130.01	ng		0.00
7) Phenol-d6	7.30	99	460059	131.03	ng		0.00
23) Nitrobenzene-d5	9.34	82	266716	80.11	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	183707	124.56	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	640767	72.10	ng		0.00
79) Terphenyl-d14	20.12	244	1004397	74.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	31423	28.904	ng		96
3) Pyridine	3.99	79	65607	22.542	ng		93
4) n-Nitrosodimethylamine	3.91	42	48019	34.778	ng		92
6) Aniline	7.48	93	64799	14.086	ng		98
8) 2-Chlorophenol	7.71	128	107005	37.456	ng		97
9) Benzaldehyde	7.30	77	66381	29.309	ng		97
10) Phenol	7.33	94	181156	47.626	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	103152	34.783	ng		97
12) 1,3-Dichlorobenzene	8.04	146	106497	32.961	ng		95
13) 1,4-Dichlorobenzene	8.19	146	108024	32.824	ng		95
14) 1,2-Dichlorobenzene	8.51	146	107060	33.669	ng		98
15) Benzyl Alcohol	8.40	79	105091	37.732	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	205342	34.620	ng		99
17) 2-Methylphenol	8.59	107	95669	39.445	ng		98
18) Hexachloroethane	9.24	117	38941	32.976	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	89232	35.308	ng		93
20) 3+4-Methylphenols	8.92	107	135270	40.147	ng		98
22) Acetophenone	8.98	105	162245	33.572	ng	#	94
24) Nitrobenzene	9.38	77	128748	36.863	ng		97
25) Isophorone	9.89	82	255437	36.617	ng		99
26) 2-Nitrophenol	10.09	139	63463	37.634	ng		96
27) 2,4-Dimethylphenol	10.13	122	116066	44.255	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	150834	35.580	ng		96
29) 2,4-Dichlorophenol	10.62	162	124044	42.008	ng		98
30) 1,2,4-Trichlorobenzene	10.83	180	117454	35.349	ng		99
31) Naphthalene	11.03	128	345527	36.244	ng		100
32) Benzoic acid	10.25	122	55813m	33.332	ng		
33) 4-Chloroaniline	11.14	127	37586	9.298	ng		97
34) Hexachlorobutadiene	11.29	225	75983	33.464	ng		96
35) Caprolactam	11.92	113	45621m	40.445	ng		
36) 4-Chloro-3-methylphenol	12.24	107	141200	41.714	ng		100
37) 2-Methylnaphthalene	12.62	142	266177	37.345	ng		96
38) 1-Methylnaphthalene	12.84	142	254431	36.733	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	146442	34.161	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	162208	70.608	ng		97
43) 2,4,6-Trichlorophenol	13.22	196	105923	42.205	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	116634	41.229	ng		98
46) 1,1'-Biphenyl	13.62	154	367426	35.304	ng		99
47) 2-Chloronaphthalene	13.66	162	283815	36.249	ng		97
48) 2-Nitroaniline	13.88	65	98925	39.316	ng		93
49) Acenaphthylene	14.51	152	457538	35.598	ng		98
50) Dimethylphthalate	14.23	163	436213	41.226	ng		99
51) 2,6-Dinitrotoluene	14.36	165	86963	38.769	ng		98
52) Acenaphthene	14.85	154	280605	36.273	ng		99
53) 3-Nitroaniline	14.69	138	37826	16.776	ng	#	98
54) 2,4-Dinitrophenol	14.90	184	95686	68.454	ng		98
55) Dibenzofuran	15.18	168	464407	36.590	ng		99
56) 4-Nitrophenol	14.99	139	153356	76.029	ng		92
57) 2,4-Dinitrotoluene	15.15	165	121898	38.675	ng		86
58) Fluorene	15.83	166	366512	36.733	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	115614	41.847	ng		97
60) Diethylphthalate	15.58	149	393261	37.545	ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	196317	36.871	ng		97
62) 4-Nitroaniline	15.86	138	90495	37.020	ng		96
63) Azobenzene	16.10	77	354918	37.380	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	68862	37.797	ng		98
66) n-Nitrosodiphenylamine	16.03	169	345280	38.707	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	126164	36.580	ng		95
68) Hexachlorobenzene	16.82	284	131203	36.699	ng		95
69) Atrazine	16.97	200	138502	39.451	ng		95
70) Pentachlorophenol	17.17	266	168271	74.526	ng		95
71) Phenanthrene	17.57	178	617395	36.377	ng		99
72) Anthracene	17.66	178	622172	37.618	ng		99
73) Carbazole	17.94	167	551838	37.011	ng		98
74) Di-n-butylphthalate	18.46	149	658474	37.535	ng		99
75) Fluoranthene	19.57	202	720072	35.899	ng		98
77) Benzidine	19.75	184	139660	14.818	ng		99
78) Pyrene	19.93	202	716421	37.121	ng		98
80) Butylbenzylphthalate	20.80	149	300746	40.222	ng		95
81) Benzo(a)anthracene	21.80	228	668407	35.908	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	103993	15.302	ng		97
83) Chrysene	21.87	228	638629	35.389	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	415214	39.517	ng		99
85) Di-n-octyl phthalate	22.92	149	704048	40.468	ng		95
86) Indeno(1,2,3-cd)pyrene	29.06	276	753346	36.798	ng	#	94
88) Benzo(b)fluoranthene	24.10	252	658744	36.039	ng		100
89) Benzo(k)fluoranthene	24.18	252	653974	38.436	ng		99
90) Benzo(a)pyrene	25.03	252	647944	38.362	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	618817	37.371	ng		99
92) Benzo(g,h,i)perylene	30.28	276	625099	37.588	ng		94

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

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