Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039844.D
Acq On : 11 Mar 2019 16:32
Operator : JU/SJ
Sample : K1807-31MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Manual Integrations
APPROVED

Sohil
3/12/2019 4:42:27 PM

Quant Time: Mar 12 04:01:38 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	47688	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	210647	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	151273	20.00	ng		0.00
64) Phenanthrene-d10	17.52	188	373468	20.00	ng		0.00
76) Chrysene-d12	21.82	240	361787	20.00	ng		0.00
87) Perylene-d12	25.19	264	374091	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	357991	128.07	ng		0.00
7) Phenol-d6	7.30	99	534686	128.29	ng		0.00
23) Nitrobenzene-d5	9.34	82	301771	77.48	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	219630	124.56	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	706351	66.48	ng		-0.02
79) Terphenyl-d14	20.12	244	1139308	69.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	40039	31.026	ng		99
3) Pyridine	3.99	79	71438	20.677	ng		99
4) n-Nitrosodimethylamine	3.91	42	60908	37.162	ng	#	85
6) Aniline	7.48	93	76605	14.029	ng		96
8) 2-Chlorophenol	7.71	128	129636	38.227	ng		96
9) Benzaldehyde	7.30	77	70940	26.386	ng		99
10) Phenol	7.33	94	194406	43.056	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	125774	35.727	ng		97
12) 1,3-Dichlorobenzene	8.04	146	132532	34.555	ng		96
13) 1,4-Dichlorobenzene	8.19	146	134283	34.373	ng		98
14) 1,2-Dichlorobenzene	8.51	146	129926	34.421	ng		99
15) Benzyl Alcohol	8.39	79	128525	38.874	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	244456	34.720	ng		97
17) 2-Methylphenol	8.59	107	119319	41.443	ng		95
18) Hexachloroethane	9.24	117	47122	33.616	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	105977	35.326	ng		94
20) 3+4-Methylphenols	8.91	107	164211	41.056	ng		96
22) Acetophenone	8.98	105	201473	35.636	ng	#	96
24) Nitrobenzene	9.38	77	152374	37.292	ng		94
25) Isophorone	9.89	82	304695	37.336	ng		98
26) 2-Nitrophenol	10.09	139	76999	39.031	ng		97
27) 2,4-Dimethylphenol	10.13	122	139875	45.589	ng		98
28) bis(2-Chloroethoxy)methane	10.37	93	184769	37.256	ng		100
29) 2,4-Dichlorophenol	10.62	162	146683	42.462	ng		98
30) 1,2,4-Trichlorobenzene	10.83	180	144009	37.047	ng		97
31) Naphthalene	11.03	128	410029	36.764	ng		98
32) Benzoic acid	10.25	122	50116	27.118	ng		97
33) 4-Chloroaniline	11.14	127	47061	9.951	ng		95
34) Hexachlorobutadiene	11.29	225	90531	34.082	ng		96
35) Caprolactam	11.91	113	54645m	41.411	ng		
36) 4-Chloro-3-methylphenol	12.24	107	168657	42.591	ng		97
37) 2-Methylnaphthalene	12.62	142	316146	37.915	ng		99
38) 1-Methylnaphthalene	12.84	142	303766	37.487	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	178418	34.815	ng		100

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Quant Time: Mar 12 04:01:38 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	201584	73.400	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	128377	42.788	ng		99
44) 2,4,5-Trichlorophenol	13.29	196	139651	41.294	ng		96
46) 1,1'-Biphenyl	13.62	154	435225	34.980	ng		99
47) 2-Chloronaphthalene	13.67	162	339507	36.272	ng		98
48) 2-Nitroaniline	13.87	65	122421	40.698	ng		96
49) Acenaphthylene	14.51	152	553218	36.004	ng		100
50) Dimethylphthalate	14.23	163	539861	42.679	ng		99
51) 2,6-Dinitrotoluene	14.36	165	106255	39.624	ng		100
52) Acenaphthene	14.85	154	337978	36.546	ng		99
53) 3-Nitroaniline	14.69	138	42705	15.843	ng	#	95
54) 2,4-Dinitrophenol	14.90	184	103732	62.566	ng		98
55) Dibenzofuran	15.18	168	556047	36.647	ng		99
56) 4-Nitrophenol	14.99	139	187088	77.586	ng		91
57) 2,4-Dinitrotoluene	15.15	165	153651	40.778	ng		85
58) Fluorene	15.83	166	439909	36.880	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	140766	42.620	ng		97
60) Diethylphthalate	15.58	149	479972	38.331	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	233608	36.701	ng		98
62) 4-Nitroaniline	15.86	138	111555	38.174	ng		94
63) Azobenzene	16.10	77	423646	37.323	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	85202	38.584	ng		98
66) n-Nitrosodiphenylamine	16.03	169	413434	38.238	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	157349	37.640	ng		95
68) Hexachlorobenzene	16.82	284	158011	36.465	ng		96
69) Atrazine	16.97	200	166638	39.161	ng		95
70) Pentachlorophenol	17.17	266	203058	74.199	ng		99
71) Phenanthrene	17.57	178	744990	36.215	ng		99
72) Anthracene	17.66	178	757651	37.795	ng		99
73) Carbazole	17.93	167	673187	37.250	ng		99
74) Di-n-butylphthalate	18.46	149	791191	37.210	ng		100
75) Fluoranthene	19.57	202	852500	35.066	ng		98
77) Benzidine	19.75	184	68862	5.998	ng		98
78) Pyrene	19.93	202	853021	36.285	ng		99
80) Butylbenzylphthalate	20.80	149	364922	40.066	ng		97
81) Benzo(a)anthracene	21.80	228	820345	36.180	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	108644	13.124	ng		98
83) Chrysene	21.87	228	790660	35.968	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	514415	40.192	ng		99
85) Di-n-octyl phthalate	22.91	149	872178	41.156	ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	942086	37.778	ng		97
88) Benzo(b)fluoranthene	24.10	252	821902	36.844	ng		99
89) Benzo(k)fluoranthene	24.17	252	789972	38.043	ng		98
90) Benzo(a)pyrene	25.03	252	809198	39.255	ng		98
91) Dibenzo(a,h)anthracene	29.13	278	771772	38.190	ng		99
92) Benzo(g,h,i)perylene	30.29	276	781953	38.527	ng		99

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

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