Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
Data File : BG040016.D
Acq On : 19 Mar 2019 23:57
Operator : JU/SJ
Sample : K1941-07MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SPMSD

Manual Integrations APPROVED
Sohil
3/20/2019 4:59:41 PM

Quant Time: Mar 20 04:53:00 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	8.14	152	43012	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	183968	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	124570	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	297543	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	303369	20.00	ng		-0.02
87) Perylene-d12	25.16	264	316624	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	352466	139.80	ng		-0.02
7) Phenol-d6	7.30	99	514805	136.94	ng		-0.02
23) Nitrobenzene-d5	9.32	82	309528	91.00	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	197459	136.00	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	677639	77.45	ng		-0.02
79) Terphenyl-d14	20.11	244	1070363	77.69	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	34722	29.831	ng		99
3) Pyridine	3.98	79	40926	13.134	ng		93
4) n-Nitrosodimethylamine	3.90	42	55214	37.350	ng	#	98
6) Aniline	7.47	93	104717	21.262	ng		99
8) 2-Chlorophenol	7.71	128	116367	38.045	ng		96
9) Benzaldehyde	7.28	77	43479	17.930	ng		94
10) Phenol	7.33	94	199222	48.919	ng		100
11) bis(2-Chloroethyl)ether	7.56	93	114643	36.106	ng		98
12) 1,3-Dichlorobenzene	8.03	146	122409	35.385	ng		99
13) 1,4-Dichlorobenzene	8.18	146	125183	35.527	ng		97
14) 1,2-Dichlorobenzene	8.50	146	119741	35.172	ng		99
15) Benzyl Alcohol	8.38	79	116054	38.918	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	234253	36.888	ng		99
17) 2-Methylphenol	8.58	107	104997	40.434	ng		99
18) Hexachloroethane	9.22	117	45352	35.870	ng		99
19) n-Nitroso-di-n-propylamine	8.95	70	96703	35.739	ng		98
20) 3+4-Methylphenols	8.91	107	145441	40.316	ng		96
22) Acetophenone	8.97	105	181969	36.853	ng		96
24) Nitrobenzene	9.36	77	144505	40.495	ng		96
25) Isophorone	9.88	82	278982	39.143	ng		100
26) 2-Nitrophenol	10.08	139	69126	40.122	ng	#	89
27) 2,4-Dimethylphenol	10.12	122	121384	45.300	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	166606	38.466	ng		99
29) 2,4-Dichlorophenol	10.60	162	132207	43.822	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	131990	38.880	ng		97
31) Naphthalene	11.02	128	371717	38.163	ng		98
32) Benzoic acid	10.25	122	55804	32.760	ng		97
33) 4-Chloroaniline	11.13	127	68186	16.509	ng		97
34) Hexachlorobutadiene	11.27	225	86643	37.349	ng		97
35) Caprolactam	11.91	113	46015m	39.928	ng		
36) 4-Chloro-3-methylphenol	12.23	107	143912	41.613	ng		97
37) 2-Methylnaphthalene	12.61	142	285291	39.177	ng		98
38) 1-Methylnaphthalene	12.82	142	272889	38.561	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	161074	38.168	ng		99

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Quant Time: Mar 20 04:53:00 2019
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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	12.94	237	214676	94.923	ng		96
43) 2,4,6-Trichlorophenol	13.21	196	110209	44.607	ng		94
44) 2,4,5-Trichlorophenol	13.28	196	116819	41.947	ng		98
46) 1,1'-Biphenyl	13.61	154	388150	37.884	ng		98
47) 2-Chloronaphthalene	13.65	162	297413	38.586	ng		99
48) 2-Nitroaniline	13.86	65	108705	43.885	ng		97
49) Acenaphthylene	14.50	152	481945	38.089	ng		99
50) Dimethylphthalate	14.22	163	487771	46.827	ng		100
51) 2,6-Dinitrotoluene	14.35	165	89954	40.736	ng		97
52) Acenaphthene	14.83	154	290992	38.210	ng		99
53) 3-Nitroaniline	14.69	138	59041	26.598	ng	#	96
54) 2,4-Dinitrophenol	14.89	184	116287	83.274	ng		99
55) Dibenzofuran	15.17	168	480787	38.479	ng		98
56) 4-Nitrophenol	14.99	139	158082	79.610	ng		93
57) 2,4-Dinitrotoluene	15.13	165	129486	41.732	ng		93
58) Fluorene	15.81	166	379154	38.600	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	118159	43.444	ng		100
60) Diethylphthalate	15.57	149	411650	39.921	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	200369	38.227	ng		98
62) 4-Nitroaniline	15.85	138	96296	40.016	ng		98
63) Azobenzene	16.10	77	374391	40.054	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	78716	44.743	ng		98
66) n-Nitrosodiphenylamine	16.02	169	344916	40.042	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	132536	39.795	ng		97
68) Hexachlorobenzene	16.81	284	135992	39.392	ng		98
69) Atrazine	16.96	200	139289	41.087	ng		95
70) Pentachlorophenol	17.16	266	172179	78.970	ng		99
71) Phenanthrene	17.56	178	633607	38.660	ng		99
72) Anthracene	17.65	178	643910	40.318	ng		99
73) Carbazole	17.92	167	572536	39.765	ng		99
74) Di-n-butylphthalate	18.45	149	691685	40.831	ng		99
75) Fluoranthene	19.56	202	745481	38.489	ng		98
77) Benzidine	19.74	184	20415	2.121	ng		98
78) Pyrene	19.92	202	758713	38.488	ng		99
80) Butylbenzylphthalate	20.78	149	326355	42.731	ng		99
81) Benzo(a)anthracene	21.78	228	722466	37.999	ng		100
82) 3,3'-Dichlorobenzidine	21.69	252	178881	25.770	ng		96
83) Chrysene	21.85	228	694530	37.679	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	458373	42.710	ng		99
85) Di-n-octyl phthalate	22.89	149	785229	44.188	ng		96
86) Indeno(1,2,3-cd)pyrene	29.03	276	833769	39.873	ng		98
88) Benzo(b)fluoranthene	24.09	252	730327	38.681	ng		98
89) Benzo(k)fluoranthene	24.16	252	709727	40.382	ng		98
90) Benzo(a)pyrene	25.01	252	718142	41.161	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	678592	39.674	ng		97
92) Benzo(g,h,i)perylene	30.25	276	694331	40.419	ng		98

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

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