Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039996.D
Acq On : 19 Mar 2019 8:24
Operator : JU/SJ
Sample : K1687-08MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-031519-AMS

Manual Integrations APPROVED
Sohil
3/20/2019 6:52:24 PM

Quant Time: Mar 20 07:39:36 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	44583	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	176383	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	109268	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	248353	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	262272	20.00	ng	-0.02
87) Perylene-d12	25.17	264	271024	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	369485	141.39	ng	-0.02
7) Phenol-d6	7.30	99	487059	125.00	ng	0.00
23) Nitrobenzene-d5	9.32	82	345323	105.89	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	192238	150.94	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	772974	100.72	ng	-0.02
79) Terphenyl-d14	20.11	244	1158249	97.24	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	40042	33.189	ng	# 23
3) Pyridine	4.00	79	83176	25.751	ng	96
4) n-Nitrosodimethylamine	3.91	42	67524	44.068	ng	# 98
6) Aniline	7.47	93	45056	8.826	ng	96
8) 2-Chlorophenol	7.71	128	132752	41.872	ng	97
9) Benzaldehyde	7.29	77	39362	15.660	ng	96
10) Phenol	7.33	94	158446	37.535	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	133534	40.573	ng	98
12) 1,3-Dichlorobenzene	8.03	146	146999	40.996	ng	98
13) 1,4-Dichlorobenzene	8.18	146	150821	41.295	ng	99
14) 1,2-Dichlorobenzene	8.50	146	143342	40.620	ng	100
15) Benzyl Alcohol	8.39	79	128316	41.513	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	284948	43.289	ng	98
17) 2-Methylphenol	8.58	107	111750	41.518	ng	99
18) Hexachloroethane	9.23	117	54840	41.846	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	108676	38.748	ng	96
20) 3+4-Methylphenols	8.91	107	152909	40.893	ng	96
22) Acetophenone	8.98	105	208008	43.939	ng	# 99
24) Nitrobenzene	9.37	77	165469	48.364	ng	97
25) Isophorone	9.88	82	305385	44.690	ng	99
26) 2-Nitrophenol	10.08	139	77632	46.996	ng	# 92
27) 2,4-Dimethylphenol	10.12	122	134838	52.484	ng	95
28) bis(2-Chloroethoxy)methane	10.36	93	184858	44.515	ng	95
29) 2,4-Dichlorophenol	10.61	162	139509	48.231	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	150844	46.344	ng	99
31) Naphthalene	11.02	128	431020	46.154	ng	98
32) Benzoic acid	10.25	122	52082	32.065	ng	98
33) 4-Chloroaniline	11.14	127	7643	1.930	ng	94
34) Hexachlorobutadiene	11.27	225	103274	46.432	ng	95
35) Caprolactam	11.91	113	34995m	31.672	ng	
36) 4-Chloro-3-methylphenol	12.24	107	150664	45.438	ng	97
37) 2-Methylnaphthalene	12.61	142	315685	45.215	ng	99
38) 1-Methylnaphthalene	12.83	142	302016	44.512	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	176516	47.685	ng	99

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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	228972	115.423	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	115053	53.088	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	122399	50.106	ng		97
46) 1,1'-Biphenyl	13.61	154	420677	46.809	ng		99
47) 2-Chloronaphthalene	13.66	162	322907	47.761	ng		98
48) 2-Nitroaniline	13.86	65	108574	49.971	ng		96
49) Acenaphthylene	14.50	152	508634	45.828	ng		99
50) Dimethylphthalate	14.22	163	415244	45.447	ng		100
51) 2,6-Dinitrotoluene	14.35	165	91744	47.365	ng		99
52) Acenaphthene	14.84	154	311876	46.687	ng		98
53) 3-Nitroaniline	14.69	138	21730	11.160	ng	#	91
54) 2,4-Dinitrophenol	14.89	184	49270	42.941	ng		98
55) Dibenzofuran	15.17	168	500818	45.695	ng		98
56) 4-Nitrophenol	14.99	139	130523	74.936	ng		93
57) 2,4-Dinitrotoluene	15.13	165	126069	46.320	ng		93
58) Fluorene	15.81	166	392730	45.581	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	113995	47.782	ng		100
60) Diethylphthalate	15.57	149	409273	45.249	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	207744	45.184	ng		99
62) 4-Nitroaniline	15.85	138	88284	41.824	ng		96
63) Azobenzene	16.09	77	386878	47.186	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	51268	34.913	ng		95
66) n-Nitrosodiphenylamine	16.02	169	353183	49.122	ng		100
67) 4-Bromophenyl-phenylether	16.70	248	133089	47.875	ng		96
68) Hexachlorobenzene	16.81	284	137307	47.650	ng		97
69) Atrazine	16.96	200	133251	47.091	ng		97
70) Pentachlorophenol	17.16	266	144384	79.338	ng		98
71) Phenanthrene	17.56	178	638681	46.689	ng		99
72) Anthracene	17.65	178	645266	48.405	ng		99
73) Carbazole	17.92	167	569678	47.403	ng		98
74) Di-n-butylphthalate	18.45	149	683342	48.328	ng		100
75) Fluoranthene	19.56	202	773813	47.864	ng		98
77) Benzidine	19.74	184	35601	4.278	ng		96
78) Pyrene	19.92	202	790675	46.394	ng		100
80) Butylbenzylphthalate	20.78	149	335451	50.805	ng		98
81) Benzo(a)anthracene	21.78	228	766606	46.638	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	84065	14.008	ng		97
83) Chrysene	21.85	228	733336	46.019	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	467268	50.361	ng		99
85) Di-n-octyl phthalate	22.90	149	794239	51.698	ng		97
86) Indeno(1,2,3-cd)pyrene	29.03	276	859054	47.519	ng		98
88) Benzo(b)fluoranthene	24.09	252	759538	46.996	ng		98
89) Benzo(k)fluoranthene	24.16	252	756917	50.313	ng		98
90) Benzo(a)pyrene	25.01	252	754579	50.527	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	702034	47.950	ng		97
92) Benzo(g,h,i)perylene	30.25	276	699028	47.539	ng		98

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

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