Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
Data File : BG039912.D
Acq On : 13 Mar 2019 21:22
Operator : JU/SJ
Sample : K1869-08MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
Sohil
3/14/2019 11:12:13 AM

Quant Time: Mar 14 04:37:45 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	48110	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	199277	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	125400	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	293436	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	315444	20.00	ng		-0.02
87) Perylene-d12	25.17	264	332365	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	335565	118.99	ng		-0.02
7) Phenol-d6	7.30	99	441023	104.88	ng		-0.02
23) Nitrobenzene-d5	9.32	82	327361	88.85	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	190378	130.25	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	754334	85.65	ng		-0.02
79) Terphenyl-d14	20.11	244	1171994	81.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	42234	32.439	ng	#	1
3) Pyridine	4.00	79	110054	31.575	ng		99
4) n-Nitrosodimethylamine	3.91	42	61040	36.916	ng	#	91
6) Aniline	7.48	93	119233	21.644	ng		99
8) 2-Chlorophenol	7.71	128	124302	36.333	ng		97
9) Benzaldehyde	7.29	77	53887	19.867	ng		96
10) Phenol	7.33	94	147267	32.330	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	132001	37.167	ng		99
12) 1,3-Dichlorobenzene	8.04	146	141270	36.510	ng		98
13) 1,4-Dichlorobenzene	8.18	146	141536	35.911	ng		99
14) 1,2-Dichlorobenzene	8.51	146	134463	35.311	ng		100
15) Benzyl Alcohol	8.39	79	127123	38.112	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	265234	37.340	ng		99
17) 2-Methylphenol	8.58	107	108095	37.216	ng		97
18) Hexachloroethane	9.23	117	51487	36.408	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	107071	35.377	ng		98
20) 3+4-Methylphenols	8.91	107	143853	35.651	ng		98
22) Acetophenone	8.98	105	200091	37.410	ng	#	96
24) Nitrobenzene	9.37	77	157282	40.690	ng		99
25) Isophorone	9.88	82	309425	40.079	ng		99
26) 2-Nitrophenol	10.08	139	73992	39.647	ng	#	91
27) 2,4-Dimethylphenol	10.12	122	132479	45.642	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	183181	39.044	ng		99
29) 2,4-Dichlorophenol	10.61	162	138684	42.437	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	143767	39.095	ng		99
31) Naphthalene	11.02	128	411681	39.019	ng		97
32) Benzoic acid	10.20	122	8495	10.275	ng		94
33) 4-Chloroaniline	11.14	127	29160	6.518	ng	#	94
34) Hexachlorobutadiene	11.28	225	98694	39.275	ng		96
35) Caprolactam	11.91	113	34137m	27.346	ng		
36) 4-Chloro-3-methylphenol	12.23	107	147666	39.418	ng		98
37) 2-Methylnaphthalene	12.61	142	310387	39.349	ng		98
38) 1-Methylnaphthalene	12.83	142	295919	38.603	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	172579	40.624	ng		99

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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	12.94	237	211192	92.764	ng		100
43) 2,4,6-Trichlorophenol	13.21	196	113966	45.822	ng		96
44) 2,4,5-Trichlorophenol	13.28	196	119969	42.793	ng		97
46) 1,1'-Biphenyl	13.61	154	415804	40.315	ng		98
47) 2-Chloronaphthalene	13.66	162	314947	40.590	ng		97
48) 2-Nitroaniline	13.87	65	110902	44.476	ng		95
49) Acenaphthylene	14.50	152	503936	39.563	ng		98
50) Dimethylphthalate	14.22	163	427230	40.744	ng		99
51) 2,6-Dinitrotoluene	14.35	165	93650	42.129	ng		97
52) Acenaphthene	14.84	154	307596	40.123	ng		98
53) 3-Nitroaniline	14.69	138	54002	24.167	ng	#	98
54) 2,4-Dinitrophenol	14.89	184	51216	39.390	ng		95
55) Dibenzofuran	15.17	168	509645	40.519	ng		99
56) 4-Nitrophenol	14.98	139	132307	66.189	ng		93
57) 2,4-Dinitrotoluene	15.14	165	133171	42.635	ng		85
58) Fluorene	15.82	166	395165	39.964	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	118101	43.135	ng		98
60) Diethylphthalate	15.57	149	425041	40.947	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	210311	39.858	ng		98
62) 4-Nitroaniline	15.85	138	98136	40.510	ng		99
63) Azobenzene	16.10	77	387810	41.215	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	49581	28.577	ng		95
66) n-Nitrosodiphenylamine	16.02	169	362368	42.656	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	137064	41.730	ng		95
68) Hexachlorobenzene	16.81	284	141548	41.575	ng		96
69) Atrazine	16.96	200	146006	43.671	ng		96
70) Pentachlorophenol	17.16	266	151280	70.356	ng		96
71) Phenanthrene	17.56	178	656492	40.617	ng		99
72) Anthracene	17.65	178	670401	42.564	ng		99
73) Carbazole	17.92	167	592105	41.700	ng		99
74) Di-n-butylphthalate	18.45	149	726586	43.492	ng		100
75) Fluoranthene	19.56	202	810039	42.407	ng		98
77) Benzidine	19.74	184	186613	18.643	ng		98
78) Pyrene	19.93	202	815997	39.809	ng		99
80) Butylbenzylphthalate	20.79	149	353457	44.508	ng		96
81) Benzo(a)anthracene	21.78	228	796813	40.305	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	170682	23.647	ng		96
83) Chrysene	21.85	228	774184	40.393	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	501578	44.946	ng		98
85) Di-n-octyl phthalate	22.90	149	848665	45.929	ng		96
86) Indeno(1,2,3-cd)pyrene	29.03	276	935963	43.046	ng	#	95
88) Benzo(b)fluoranthene	24.09	252	817438	41.244	ng		99
89) Benzo(k)fluoranthene	24.16	252	777523	42.144	ng		98
90) Benzo(a)pyrene	25.01	252	790782	43.178	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	756768	42.149	ng		97
92) Benzo(g,h,i)perylene	30.26	276	773850	42.915	ng		96

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

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