Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
Data File : BG040444.D
Acq On : 11 Apr 2019 16:48
Operator : JU/SJ
Sample : K2360-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-E2-E2A-F2-F2AMSD

Manual Integrations APPROVED
Sohil
4/15/2019 12:22:51 AM

Quant Time: Apr 12 06:52:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38295	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	158843	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	102745	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	276872	20.00	ng		-0.03
76) Chrysene-d12	21.69	240	325830	20.00	ng		-0.04
87) Perylene-d12	24.97	264	336250	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	240017	104.19	ng		-0.02
7) Phenol-d6	7.20	99	336584	105.72	ng		-0.03
23) Nitrobenzene-d5	9.22	82	196674	65.81	ng		-0.03
42) 2,4,6-Tribromophenol	16.16	330	130623	117.64	ng		-0.03
45) 2-Fluorobiphenyl	13.30	172	445646	64.27	ng		-0.03
79) Terphenyl-d14	20.02	244	914980	63.17	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	32764	30.248	ng	#	92
3) Pyridine	3.90	79	72151	24.740	ng		96
4) n-Nitrosodimethylamine	3.81	42	38944	28.868	ng	#	92
6) Aniline	7.37	93	92078	22.262	ng		94
8) 2-Chlorophenol	7.60	128	87236	32.351	ng		98
9) Benzaldehyde	7.19	77	40638	18.609	ng		98
10) Phenol	7.23	94	118859	34.397	ng		100
11) bis(2-Chloroethyl)ether	7.46	93	86243	31.161	ng		98
12) 1,3-Dichlorobenzene	7.93	146	93251	31.812	ng		97
13) 1,4-Dichlorobenzene	8.08	146	94302	32.300	ng		98
14) 1,2-Dichlorobenzene	8.40	146	89165	31.936	ng		96
15) Benzyl Alcohol	8.28	79	76962	30.018	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	166791	31.401	ng		99
17) 2-Methylphenol	8.48	107	80926	33.844	ng		94
18) Hexachloroethane	9.12	117	33348	30.029	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	69361	30.387	ng		100
20) 3+4-Methylphenols	8.81	107	107382	33.150	ng		97
22) Acetophenone	8.87	105	133643	33.729	ng	#	99
24) Nitrobenzene	9.26	77	103495	33.444	ng		95
25) Isophorone	9.77	82	198094	32.217	ng		98
26) 2-Nitrophenol	9.97	139	46978	32.038	ng		95
27) 2,4-Dimethylphenol	10.02	122	91545	39.304	ng		100
28) bis(2-Chloroethoxy)methane	10.25	93	117727	32.362	ng		99
29) 2,4-Dichlorophenol	10.51	162	88981	35.196	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	92866	33.453	ng		96
31) Naphthalene	10.91	128	278125	34.160	ng		99
32) Benzoic acid	10.15	122	17834m	12.673	ng		
33) 4-Chloroaniline	11.03	127	88803	25.570	ng		96
34) Hexachlorobutadiene	11.17	225	56438	31.789	ng		96
35) Caprolactam	11.81	113	33954	33.843	ng	#	82
36) 4-Chloro-3-methylphenol	12.13	107	103991	35.780	ng		96
37) 2-Methylnaphthalene	12.51	142	209398	34.774	ng		99
38) 1-Methylnaphthalene	12.73	142	199961	34.245	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	107501	32.919	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	110752	61.767	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	74442	35.357	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	85990	37.471	ng		99
46) 1,1'-Biphenyl	13.51	154	271687	33.466	ng		99
47) 2-Chloronaphthalene	13.55	162	213022	34.209	ng		99
48) 2-Nitroaniline	13.77	65	74407	35.424	ng		99
49) Acenaphthylene	14.40	152	355216	33.644	ng		100
50) Dimethylphthalate	14.12	163	319395	39.720	ng		99
51) 2,6-Dinitrotoluene	14.26	165	65172	36.095	ng		97
52) Acenaphthene	14.74	154	209322	34.599	ng		98
53) 3-Nitroaniline	14.59	138	60358	31.581	ng	#	90
54) 2,4-Dinitrophenol	14.80	184	52873	55.063	ng		91
55) Dibenzofuran	15.07	168	350333	36.037	ng		98
56) 4-Nitrophenol	14.90	139	113070	73.302	ng		97
57) 2,4-Dinitrotoluene	15.04	165	96658	38.527	ng		96
58) Fluorene	15.72	166	277288	36.280	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	83626	40.157	ng		97
60) Diethylphthalate	15.48	149	303604	36.896	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	147430	36.087	ng		98
62) 4-Nitroaniline	15.76	138	79985	38.997	ng		96
63) Azobenzene	16.00	77	284737	36.685	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	50743	32.621	ng		97
66) n-Nitrosodiphenylamine	15.92	169	267000	32.955	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	98332	31.559	ng		98
68) Hexachlorobenzene	16.72	284	102998	32.878	ng		97
69) Atrazine	16.87	200	108728	36.076	ng		98
70) Pentachlorophenol	17.07	266	107901	59.575	ng		96
71) Phenanthrene	17.46	178	514730	35.370	ng		98
72) Anthracene	17.56	178	533998	36.660	ng		99
73) Carbazole	17.83	167	523222	37.955	ng		97
74) Di-n-butylphthalate	18.36	149	628763	38.479	ng		99
75) Fluoranthene	19.47	202	696298	40.406	ng		98
77) Benzidine	19.66	184	209180	17.778	ng		98
78) Pyrene	19.83	202	710031	33.137	ng		99
80) Butylbenzylphthalate	20.70	149	318504	34.738	ng		95
81) Benzo(a)anthracene	21.67	228	662129	32.992	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	188016	24.627	ng		99
83) Chrysene	21.74	228	656204	34.022	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	457248	34.887	ng		99
85) Di-n-octyl phthalate	22.76	149	777779	34.830	ng		99
86) Indeno(1,2,3-cd)pyrene	28.74	276	787341	33.376	ng		99
88) Benzo(b)fluoranthene	23.92	252	701342	34.068	ng		98
89) Benzo(k)fluoranthene	24.00	252	686331	36.253	ng		98
90) Benzo(a)pyrene	24.81	252	689472	35.695	ng		100
91) Dibenzo(a,h)anthracene	28.78	278	642077	35.791	ng		98
92) Benzo(g,h,i)perylene	29.91	276	642968	34.875	ng		99

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

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