Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113933.D
Acq On : 23 Apr 2019 20:58
Operator : JU/SJ
Sample : K2204-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042219MS

Quant Time: Apr 24 02:06:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	128963	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	445867	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	196391	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	347970	20.00	ng		0.00
76) Chrysene-d12	14.06	240	346885	20.00	ng		0.00
87) Perylene-d12	15.55	264	305719	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	758839	100.64	ng		0.02
7) Phenol-d6	6.53	99	863547	91.28	ng		0.01
23) Nitrobenzene-d5	7.46	82	653331	90.47	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	285957	119.53	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1199167	95.50	ng		0.00
79) Terphenyl-d14	13.00	244	1358209	80.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	119776	33.699	ng	#	86
3) Pyridine	3.57	79	286729	29.554	ng		97
4) n-Nitrosodimethylamine	3.50	42	118026	35.539	ng		96
6) Aniline	6.56	93	161019	12.395	ng		100
8) 2-Chlorophenol	6.69	128	321829	37.385	ng		95
9) Benzaldehyde	6.45	77	71420	8.730	ng		97
10) Phenol	6.55	94	324243	28.664	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	330772	38.858	ng		98
12) 1,3-Dichlorobenzene	6.85	146	369246	37.872	ng		99
13) 1,4-Dichlorobenzene	6.92	146	372610	37.996	ng		99
14) 1,2-Dichlorobenzene	7.07	146	347355	38.542	ng		98
15) Benzyl Alcohol	7.04	79	257278	40.381	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	379860	38.227	ng		91
17) 2-Methylphenol	7.15	107	282901	37.490	ng		97
18) Hexachloroethane	7.42	117	117859	34.285	ng		99
19) n-Nitroso-di-n-propylamine	7.31	70	234755	38.320	ng		100
20) 3+4-Methylphenols	7.30	107	310957	36.473	ng	#	77
22) Acetophenone	7.30	105	458850	46.246	ng	#	94
24) Nitrobenzene	7.47	77	355376	44.538	ng		100
25) Isophorone	7.72	82	630583	42.677	ng		99
26) 2-Nitrophenol	7.79	139	163344	44.873	ng		94
27) 2,4-Dimethylphenol	7.83	122	279986	47.209	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	409091	43.449	ng		99
29) 2,4-Dichlorophenol	8.04	162	283596	41.816	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	320437	42.375	ng		97
31) Naphthalene	8.20	128	923402	43.595	ng		99
32) Benzoic acid	7.93	122	104158	26.006	ng		97
33) 4-Chloroaniline	8.25	127	74648	8.329	ng		96
34) Hexachlorobutadiene	8.32	225	195572	41.487	ng		98
35) Caprolactam	8.60	113	57476	26.641	ng		91
36) 4-Chloro-3-methylphenol	8.73	107	260071	38.706	ng		100
37) 2-Methylnaphthalene	8.89	142	606433	42.458	ng		99
38) 1-Methylnaphthalene	8.99	142	568302	41.224	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	308553	48.367	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	93361	26.244	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	193152	47.681	ng		100
44) 2,4,5-Trichlorophenol	9.22	196	208185	45.819	ng		97
46) 1,1'-Biphenyl	9.36	154	726826	48.446	ng		98
47) 2-Chloronaphthalene	9.38	162	568119	46.565	ng		98
48) 2-Nitroaniline	9.47	65	155187	48.521	ng		96
49) Acenaphthylene	9.80	152	848053	44.400	ng		98
50) Dimethylphthalate	9.65	163	684617	48.201	ng		99
51) 2,6-Dinitrotoluene	9.71	165	142502	46.766	ng		97
52) Acenaphthene	9.97	154	493695	43.737	ng		98
53) 3-Nitroaniline	9.87	138	71369	22.289	ng		95
54) 2,4-Dinitrophenol	9.99	184	28618	27.769	ng	#	1
55) Dibenzofuran	10.14	168	755949	44.708	ng		99
56) 4-Nitrophenol	10.04	139	177774	70.120	ng		99
57) 2,4-Dinitrotoluene	10.12	165	172054	44.734	ng		96
58) Fluorene	10.48	166	553594	43.487	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	170272	42.643	ng		99
60) Diethylphthalate	10.35	149	620929	46.036	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	300068	44.509	ng		98
62) 4-Nitroaniline	10.49	138	115199	36.867	ng		95
63) Azobenzene	10.63	77	534016	40.851	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	23674	19.892	ng		97
66) n-Nitrosodiphenylamine	10.59	169	493085	47.226	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	185667	44.168	ng		96
68) Hexachlorobenzene	11.03	284	202227	43.778	ng		98
69) Atrazine	11.12	200	163003	47.992	ng		100
70) Pentachlorophenol	11.23	266	229724	87.835	ng		98
71) Phenanthrene	11.44	178	803558	45.950	ng		99
72) Anthracene	11.50	178	835075	47.288	ng		99
73) Carbazole	11.64	167	738940	46.902	ng		99
74) Di-n-butylphthalate	11.97	149	879809	47.473	ng		99
75) Fluoranthene	12.63	202	937782	49.152	ng		98
77) Benzidine	12.74	184	316379	30.610	ng		96
78) Pyrene	12.86	202	957458	39.469	ng		99
80) Butylbenzylphthalate	13.47	149	406169	42.556	ng		97
81) Benzo(a)anthracene	14.05	228	955040	46.729	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	339079	45.264	ng	#	98
83) Chrysene	14.09	228	968753	48.670	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	579916	47.756	ng		100
85) Di-n-octyl phthalate	14.66	149	1049550	55.219	ng		98
86) Indeno(1,2,3-cd)pyrene	17.04	276	711584	37.742	ng		98
88) Benzo(b)fluoranthene	15.12	252	964346	49.856	ng		99
89) Benzo(k)fluoranthene	15.15	252	817997	49.164	ng		98
90) Benzo(a)pyrene	15.49	252	789532	47.191	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	614042	39.098	ng		99
92) Benzo(g,h,i)perylene	17.49	276	563571	35.558	ng		99

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

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