Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114902.D
Acq On : 7 Jun 2019 20:44
Operator : HP/JU
Sample : K3174-01MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-03-008-ABCDMSD

Quant Time: Jun 08 06:19:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	374401	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	1474399	20.00	ng		-0.01
39) Acenaphthene-d10	9.69	164	721935	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	1395045	20.00	ng		0.00
76) Chrysene-d12	13.79	240	852158	20.00	ng		0.00
87) Perylene-d12	15.16	264	946224	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2470075	115.28	ng		0.02
7) Phenol-d6	6.31	99	3146324	120.68	ng		0.00
23) Nitrobenzene-d5	7.23	82	1992100	83.17	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	876842	112.70	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	3094202	80.29	ng		0.00
79) Terphenyl-d14	12.74	244	3162841	72.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	365761	35.753	ng		99
3) Pyridine	3.06	79	663141	23.587	ng		99
4) n-Nitrosodimethylamine	2.99	42	430013	41.791	ng		98
6) Aniline	6.33	93	771532	20.855	ng	#	40
8) 2-Chlorophenol	6.45	128	1047434	42.309	ng		98
9) Benzaldehyde	6.20	77	345786	19.120	ng		97
10) Phenol	6.32	94	1219140	40.890	ng		90
11) bis(2-Chloroethyl)ether	6.40	93	950790	40.861	ng		98
12) 1,3-Dichlorobenzene	6.60	146	1115640	38.673	ng		100
13) 1,4-Dichlorobenzene	6.68	146	1137728	39.195	ng		98
14) 1,2-Dichlorobenzene	6.83	146	1046197	39.908	ng		100
15) Benzyl Alcohol	6.81	79	827085	41.949	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1309203	39.340	ng		100
17) 2-Methylphenol	6.93	107	889590	42.038	ng		99
18) Hexachloroethane	7.17	117	412697	37.773	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	673664	39.034	ng		99
20) 3+4-Methylphenols	7.08	107	989613	42.399	ng		97
22) Acetophenone	7.07	105	1387721	42.750	ng	#	99
24) Nitrobenzene	7.25	77	1061203	42.768	ng		98
25) Isophorone	7.49	82	1957662	41.344	ng		98
26) 2-Nitrophenol	7.56	139	616765	45.894	ng		99
27) 2,4-Dimethylphenol	7.61	122	959107	46.955	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	1231046	40.672	ng		99
29) 2,4-Dichlorophenol	7.80	162	917117	42.677	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	1000653	40.582	ng		99
31) Naphthalene	7.96	128	2901800	43.716	ng		99
32) Benzoic acid	7.74	122	502996	33.811	ng		98
33) 4-Chloroaniline	8.01	127	350014	11.053	ng		98
34) Hexachlorobutadiene	8.09	225	531051	37.882	ng		98
35) Caprolactam	8.39	113	297436m	42.370	ng		
36) 4-Chloro-3-methylphenol	8.50	107	947617	44.315	ng		99
37) 2-Methylnaphthalene	8.66	142	2003730	43.521	ng		98
38) 1-Methylnaphthalene	8.75	142	1908003	43.699	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	850223	40.866	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	925386	73.338	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	682533	42.190	ng		99
44) 2,4,5-Trichlorophenol	8.97	196	698369	42.864	ng		99
46) 1,1'-Biphenyl	9.12	154	2295800	42.907	ng		98
47) 2-Chloronaphthalene	9.14	162	1869503	41.119	ng		99
48) 2-Nitroaniline	9.23	65	563101	41.502	ng		100
49) Acenaphthylene	9.55	152	2881769	43.708	ng		98
50) Dimethylphthalate	9.43	163	2690678	51.030	ng		99
51) 2,6-Dinitrotoluene	9.48	165	536962	43.302	ng		100
52) Acenaphthene	9.72	154	1708414	39.555	ng		100
53) 3-Nitroaniline	9.64	138	303707	20.966	ng		95
54) 2,4-Dinitrophenol	9.75	184	546748	97.437	ng		98
55) Dibenzofuran	9.90	168	2460427	40.968	ng		98
56) 4-Nitrophenol	9.82	139	959403	90.384	ng		98
57) 2,4-Dinitrotoluene	9.88	165	697587	44.750	ng	#	89
58) Fluorene	10.24	166	1768438	46.186	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	577953	43.298	ng		100
60) Diethylphthalate	10.12	149	2125088	40.165	ng		99
61) 4-Chlorophenyl-phenylether	10.23	204	853705	37.113	ng		97
62) 4-Nitroaniline	10.26	138	592297	42.156	ng		99
63) Azobenzene	10.39	77	1900784	42.204	ng		98
65) 4,6-Dinitro-2-methylphenol	10.29	198	344907	47.595	ng		89
66) n-Nitrosodiphenylamine	10.35	169	1771995	42.007	ng		100
67) 4-Bromophenyl-phenylether	10.72	248	610727	38.546	ng		96
68) Hexachlorobenzene	10.79	284	659603	38.039	ng		97
69) Atrazine	10.88	200	574652	39.169	ng		99
70) Pentachlorophenol	10.97	266	763015	76.116	ng		98
71) Phenanthrene	11.19	178	2807751	42.160	ng		99
72) Anthracene	11.24	178	2889316	41.224	ng		99
73) Carbazole	11.39	167	2699741	44.934	ng		100
74) Di-n-butylphthalate	11.73	149	2997138	37.927	ng		99
75) Fluoranthene	12.37	202	2876667	41.501	ng		99
77) Benzidine	12.49	184	594336	14.088	ng		98
78) Pyrene	12.59	202	2924784	39.564	ng		99
80) Butylbenzylphthalate	13.22	149	1398402	37.460	ng		93
81) Benzo(a)anthracene	13.77	228	2567356	39.096	ng		99
82) 3,3'-Dichlorobenzidine	13.74	252	620899	23.318	ng		99
83) Chrysene	13.81	228	2533525	39.660	ng		99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1631187	34.556	ng		99
85) Di-n-octyl phthalate	14.39	149	3005201	37.467	ng		99
86) Indeno(1,2,3-cd)pyrene	16.46	276	2220815	30.469	ng		99
88) Benzo(b)fluoranthene	14.78	252	2667573	44.284	ng		99
89) Benzo(k)fluoranthene	14.80	252	2180659	42.628	ng		99
90) Benzo(a)pyrene	15.10	252	2290758	43.936	ng		99
91) Dibenzo(a,h)anthracene	16.48	278	1846113	37.389	ng		99
92) Benzo(g,h,i)perylene	16.86	276	1904711	38.360	ng		99

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

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