Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114877.D
Acq On : 6 Jun 2019 22:02
Operator : HP/JU
Sample : K3186-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-011-ABCDMS

Manual Integrations APPROVED
mohammad
6/7/2019 2:11:49 PM

Quant Time: Jun 07 03:38:36 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	6.67	152	571571	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	2112860	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	984511	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1685861	20.00	ng		0.00
76) Chrysene-d12	13.80	240	729667	20.00	ng		0.01
87) Perylene-d12	15.18	264	1002922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	4146777	126.77	ng		0.04
7) Phenol-d6	6.33	99	5178249	130.10	ng		0.03
23) Nitrobenzene-d5	7.25	82	3421486	99.69	ng		0.01
42) 2,4,6-Tribromophenol	10.50	330	1286665	121.27	ng		0.02
45) 2-Fluorobiphenyl	9.04	172	4982701	94.81	ng		0.01
79) Terphenyl-d14	12.76	244	4241877	113.06	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	566698	36.286	ng		99
3) Pyridine	3.10	79	1251663	29.162	ng		99
4) n-Nitrosodimethylamine	3.03	42	722955	46.023	ng		95
6) Aniline	6.35	93	882016	15.617	ng	#	72
8) 2-Chlorophenol	6.47	128	1634051	43.236	ng		98
9) Benzaldehyde	6.22	77	574739	20.817	ng		99
10) Phenol	6.35	94	1837879	40.378	ng		84
11) bis(2-Chloroethyl)ether	6.42	93	1572336	44.263	ng		98
12) 1,3-Dichlorobenzene	6.62	146	1806867	41.028	ng		98
13) 1,4-Dichlorobenzene	6.69	146	1794782	40.502	ng		98
14) 1,2-Dichlorobenzene	6.85	146	1581509	39.517	ng		98
15) Benzyl Alcohol	6.83	79	1260763	41.887	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	2175473	42.821	ng		97
17) 2-Methylphenol	6.95	107	1465250	45.356	ng		95
18) Hexachloroethane	7.19	117	686383	41.152	ng		99
19) n-Nitroso-di-n-propylamine	7.11	70	1154072	43.802	ng		98
20) 3+4-Methylphenols	7.10	107	1595415	44.775	ng		93
22) Acetophenone	7.09	105	2284424	49.109	ng		95
24) Nitrobenzene	7.26	77	1685354	47.398	ng		97
25) Isophorone	7.50	82	3384589	49.880	ng		100
26) 2-Nitrophenol	7.57	139	1023144	53.127	ng		95
27) 2,4-Dimethylphenol	7.63	122	1579078	53.947	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	2109138	48.626	ng		99
29) 2,4-Dichlorophenol	7.82	162	1488072	48.321	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	1634752	46.264	ng		100
31) Naphthalene	7.98	128	4390244	46.154	ng		97
32) Benzoic acid	7.78	122	1074523	50.402	ng		99
33) 4-Chloroaniline	8.02	127	413102	9.103	ng		97
34) Hexachlorobutadiene	8.10	225	886595	44.133	ng		98
35) Caprolactam	8.42	113	418340m	41.585	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1493213	48.728	ng		99
37) 2-Methylnaphthalene	8.67	142	3039255	46.065	ng		98
38) 1-Methylnaphthalene	8.77	142	2902141	46.383	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	1293595	45.594	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	1173985	68.225	ng		100
43) 2,4,6-Trichlorophenol	8.95	196	1084056	49.137	ng		100
44) 2,4,5-Trichlorophenol	9.00	196	1058834	47.656	ng		97
46) 1,1'-Biphenyl	9.13	154	3397087	46.556	ng		97
47) 2-Chloronaphthalene	9.16	162	2798877	45.142	ng		98
48) 2-Nitroaniline	9.25	65	858946	46.423	ng		100
49) Acenaphthylene	9.57	152	4000712	44.495	ng		98
50) Dimethylphthalate	9.45	163	4248946	59.091	ng		98
51) 2,6-Dinitrotoluene	9.50	165	819717	48.474	ng		94
52) Acenaphthene	9.74	154	2503326	42.502	ng		99
53) 3-Nitroaniline	9.66	138	498322	25.226	ng		93
54) 2,4-Dinitrophenol	9.77	184	657528	85.927	ng		99
55) Dibenzofuran	9.92	168	3451603	42.143	ng		99
56) 4-Nitrophenol	9.84	139	1299841	89.797	ng		96
57) 2,4-Dinitrotoluene	9.90	165	1006070	47.326	ng	#	86
58) Fluorene	10.25	166	2375042	45.309	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	844642	46.401	ng		99
60) Diethylphthalate	10.14	149	3250955	45.056	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	1202967	38.349	ng		98
62) 4-Nitroaniline	10.28	138	793070	41.391	ng		95
63) Azobenzene	10.40	77	2764006	45.003	ng		99
65) 4,6-Dinitro-2-methylphenol	10.30	198	409356	46.745	ng		90
66) n-Nitrosodiphenylamine	10.37	169	2534602	49.720	ng		98
67) 4-Bromophenyl-phenylether	10.73	248	893752	46.678	ng		96
68) Hexachlorobenzene	10.80	284	942124	44.959	ng		94
69) Atrazine	10.90	200	824638	46.513	ng		99
70) Pentachlorophenol	10.99	266	1051334	86.786	ng		99
71) Phenanthrene	11.20	178	3697699	45.945	ng		99
72) Anthracene	11.26	178	3801307	44.881	ng		99
73) Carbazole	11.41	167	3355726	46.217	ng		99
74) Di-n-butylphthalate	11.75	149	4122684	43.170	ng		98
75) Fluoranthene	12.39	202	3566823	42.581	ng		99
77) Benzidine	12.50	184	89362m	2.474	ng		
78) Pyrene	12.61	202	3566571	56.345	ng		99
80) Butylbenzylphthalate	13.23	149	1796534	56.204	ng		99
81) Benzo(a)anthracene	13.79	228	2719538	48.366	ng		99
82) 3,3'-Dichlorobenzidine	13.76	252	648985	28.464	ng	#	98
83) Chrysene	13.83	228	2774959	50.732	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2105739	52.097	ng	#	99
85) Di-n-octyl phthalate	14.41	149	3573306	52.029	ng		100
86) Indeno(1,2,3-cd)pyrene	16.50	276	2873796	46.046	ng		99
88) Benzo(b)fluoranthene	14.80	252	3228858	50.571	ng		99
89) Benzo(k)fluoranthene	14.83	252	2362350	43.569	ng		100
90) Benzo(a)pyrene	15.13	252	2784003	50.378	ng		99
91) Dibenzo(a,h)anthracene	16.52	278	2350374	44.911	ng		98
92) Benzo(g,h,i)perylene	16.90	276	2309432	43.882	ng		98

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

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