Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115455.D
Acq On : 10 Jul 2019 15:05
Operator : HP/JU
Sample : K3636-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:05 PM

Quant Time: Jul 11 12:38:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	154611	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	610118	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	306237	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	607065	20.00	ng		0.00
76) Chrysene-d12	14.06	240	410260	20.00	ng		0.00
87) Perylene-d12	15.54	264	419732	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	569918	56.95	ng		0.00
7) Phenol-d6	6.52	99	486303	38.21	ng		0.00
23) Nitrobenzene-d5	7.46	82	914770	88.59	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	376055	111.06	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1575977	90.30	ng		0.00
79) Terphenyl-d14	13.00	244	1704516	85.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	73956	15.067	ng		98
3) Pyridine	3.46	79	251194	18.507	ng		99
4) n-Nitrosodimethylamine	3.39	42	74555	13.546	ng		96
6) Aniline	6.55	93	379114	21.109	ng		99
8) 2-Chlorophenol	6.68	128	361354	31.980	ng		95
9) Benzaldehyde	6.44	77	255950	33.906	ng		98
10) Phenol	6.53	94	212307m	13.943	ng		
11) bis(2-Chloroethyl)ether	6.63	93	412195	36.489	ng		99
12) 1,3-Dichlorobenzene	6.84	146	460422	37.192	ng		98
13) 1,4-Dichlorobenzene	6.91	146	473096	38.153	ng		99
14) 1,2-Dichlorobenzene	7.07	146	442015	38.501	ng		97
15) Benzyl Alcohol	7.03	79	254678	24.938	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	551388	34.909	ng		98
17) 2-Methylphenol	7.14	107	253005	26.136	ng		99
18) Hexachloroethane	7.41	117	170481	36.906	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	303587	35.259	ng		94
20) 3+4-Methylphenols	7.29	107	279714	24.462	ng	#	79
22) Acetophenone	7.30	105	597601	40.877	ng	#	97
24) Nitrobenzene	7.47	77	472346	40.502	ng		98
25) Isophorone	7.72	82	854350	38.170	ng		99
26) 2-Nitrophenol	7.79	139	220686	46.028	ng		96
27) 2,4-Dimethylphenol	7.83	122	320272	35.031	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	521221	37.764	ng		99
29) 2,4-Dichlorophenol	8.03	162	349210	38.349	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	408644	40.311	ng		99
31) Naphthalene	8.20	128	1233931	40.718	ng		100
32) Benzoic acid	7.95	122	1725m	6.268	ng		
33) 4-Chloroaniline	8.24	127	297906	22.033	ng		98
34) Hexachlorobutadiene	8.32	225	225616	39.244	ng		99
35) Caprolactam	8.60	113	17826	6.011	ng		93
36) 4-Chloro-3-methylphenol	8.72	107	345981	35.921	ng		99
37) 2-Methylnaphthalene	8.89	142	828797	40.917	ng		98
38) 1-Methylnaphthalene	8.99	142	778698	40.292	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	374026	42.455	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	414992	81.272	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	246830	38.483	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	257293	38.686	ng		99
46) 1,1'-Biphenyl	9.36	154	1023922	42.531	ng		98
47) 2-Chloronaphthalene	9.38	162	808549	40.636	ng		99
48) 2-Nitroaniline	9.47	65	251083	42.951	ng		97
49) Acenaphthylene	9.80	152	1245857	41.356	ng		99
50) Dimethylphthalate	9.66	163	1043626	45.404	ng		99
51) 2,6-Dinitrotoluene	9.71	165	222751	44.684	ng		98
52) Acenaphthene	9.97	154	749270	39.519	ng		99
53) 3-Nitroaniline	9.87	138	174044	30.060	ng		93
54) 2,4-Dinitrophenol	9.98	184	30015	21.934	ng	#	51
55) Dibenzofuran	10.14	168	1140787	42.714	ng		100
56) 4-Nitrophenol	10.03	139	127038	28.360	ng		98
57) 2,4-Dinitrotoluene	10.12	165	295582	46.657	ng	#	86
58) Fluorene	10.48	166	814678	38.695	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	195660	34.055	ng		99
60) Diethylphthalate	10.35	149	920179	40.672	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	418063	40.684	ng		96
62) 4-Nitroaniline	10.49	138	232251	40.867	ng		99
63) Azobenzene	10.63	77	912323	39.120	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	61035	25.396	ng		94
66) n-Nitrosodiphenylamine	10.59	169	776675	40.605	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	270627	39.730	ng		96
68) Hexachlorobenzene	11.03	284	307297	40.203	ng		96
69) Atrazine	11.12	200	257629	43.522	ng		99
70) Pentachlorophenol	11.22	266	218223	46.847	ng		99
71) Phenanthrene	11.45	178	1291778	40.460	ng		100
72) Anthracene	11.50	178	1349099	42.139	ng		100
73) Carbazole	11.65	167	1212939	41.412	ng		100
74) Di-n-butylphthalate	11.98	149	1405696	39.712	ng		99
75) Fluoranthene	12.63	202	1380173	41.057	ng		98
77) Benzidine	12.74	184	364839	22.804	ng		97
78) Pyrene	12.86	202	1394779	43.718	ng		99
80) Butylbenzylphthalate	13.48	149	590866	42.388	ng		94
81) Benzo(a)anthracene	14.05	228	1095317	41.668	ng		98
82) 3,3'-Dichlorobenzidine	14.01	252	293804	30.803	ng		96
83) Chrysene	14.09	228	1140423	42.224	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	711202	41.199	ng		99
85) Di-n-octyl phthalate	14.66	149	1188892	38.687	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	1250925	58.290	ng		100
88) Benzo(b)fluoranthene	15.12	252	1020124	37.328	ng		100
89) Benzo(k)fluoranthene	15.14	252	1028644	42.324	ng		99
90) Benzo(a)pyrene	15.49	252	989032	41.960	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	1043598	51.812	ng		99
92) Benzo(g,h,i)perylene	17.50	276	1079213	56.608	ng		99

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

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