Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116865.D
Acq On : 6 Sep 2019 16:47
Operator : HP/JU
Sample : K4650-11MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6MSD

Manual Integrations APPROVED
mohammad
9/12/2019 9:23:37 AM

Quant Time: Sep 07 04:53:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	82581	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	326284	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	160758	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	250688	20.00	ng		0.00
76) Chrysene-d12	14.00	240	143356	20.00	ng		0.00
87) Perylene-d12	15.46	264	171688	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	578232	113.44	ng		0.01
7) Phenol-d6	6.49	99	790272	118.07	ng		0.00
23) Nitrobenzene-d5	7.41	82	485232	84.90	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	145101	135.02	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	826850	86.76	ng		0.00
79) Terphenyl-d14	12.94	244	662301	85.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	84781	36.030	ng		97
3) Pyridine	3.40	79	217855	31.976	ng		95
4) n-Nitrosodimethylamine	3.34	42	89522	38.264	ng		85
6) Aniline	6.51	93	164734	17.769	ng		98
8) 2-Chlorophenol	6.64	128	249668	44.868	ng		99
9) Benzaldehyde	6.39	77	163503	37.078	ng		99
10) Phenol	6.50	94	317082	42.781	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	233610	40.479	ng		98
12) 1,3-Dichlorobenzene	6.79	146	261475	41.576	ng		96
13) 1,4-Dichlorobenzene	6.86	146	263621	42.103	ng		99
14) 1,2-Dichlorobenzene	7.02	146	247028	42.573	ng		98
15) Benzyl Alcohol	6.99	79	233861	43.042	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	228239	33.708	ng		91
17) 2-Methylphenol	7.10	107	206622	42.417	ng		97
18) Hexachloroethane	7.36	117	96758	39.775	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	180098	40.865	ng		90
20) 3+4-Methylphenols	7.26	107	262699	46.382	ng	#	77
22) Acetophenone	7.26	105	359903	45.816	ng	#	94
24) Nitrobenzene	7.43	77	274820	47.277	ng		95
25) Isophorone	7.67	82	494126	42.665	ng		98
26) 2-Nitrophenol	7.75	139	119445	55.269	ng		92
27) 2,4-Dimethylphenol	7.79	122	219135	50.207	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	300120	42.405	ng		99
29) 2,4-Dichlorophenol	7.99	162	201507	48.041	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	201655	44.324	ng		96
31) Naphthalene	8.15	128	706810	45.556	ng		99
32) Benzoic acid	7.89	122	82950	33.659	ng		91
33) 4-Chloroaniline	8.19	127	61950	8.772	ng		98
34) Hexachlorobutadiene	8.27	225	111751	45.049	ng		100
35) Caprolactam	8.56	113	65333m	41.620	ng		
36) 4-Chloro-3-methylphenol	8.69	107	231692	48.060	ng		99
37) 2-Methylnaphthalene	8.85	142	477873	46.292	ng		97
38) 1-Methylnaphthalene	8.94	142	449534	46.130	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	184404	47.852	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	98131	44.097	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	131303	49.704	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	137323	50.072	ng		94
46) 1,1'-Biphenyl	9.30	154	556246	45.600	ng		98
47) 2-Chloronaphthalene	9.33	162	441101	45.655	ng		98
48) 2-Nitroaniline	9.42	65	143618	51.417	ng		94
49) Acenaphthylene	9.75	152	692536	47.418	ng		99
50) Dimethylphthalate	9.60	163	533305	48.051	ng		98
51) 2,6-Dinitrotoluene	9.66	165	111328	52.574	ng		98
52) Acenaphthene	9.92	154	402964	44.905	ng		99
53) 3-Nitroaniline	9.83	138	59021	22.241	ng		87
54) 2,4-Dinitrophenol	9.94	184	14152	25.747	ng		90
55) Dibenzofuran	10.09	168	605355	47.853	ng		99
56) 4-Nitrophenol	10.00	139	169688	93.256	ng		86
57) 2,4-Dinitrotoluene	10.07	165	147642	57.021	ng		98
58) Fluorene	10.43	166	481362	49.938	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	95077	48.035	ng		94
60) Diethylphthalate	10.30	149	507522	45.651	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	204309	48.404	ng		96
62) 4-Nitroaniline	10.44	138	112416	43.651	ng		96
63) Azobenzene	10.58	77	523736	45.179	ng		95
65) 4,6-Dinitro-2-methylphenol	10.48	198	14211	20.454	ng		92
66) n-Nitrosodiphenylamine	10.54	169	421372	48.589	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	118609	46.574	ng		99
68) Hexachlorobenzene	10.99	284	122442	45.954	ng		94
69) Atrazine	11.06	200	119527	49.212	ng		99
70) Pentachlorophenol	11.17	266	110190	85.490	ng		97
71) Phenanthrene	11.39	178	649174	46.519	ng		100
72) Anthracene	11.44	178	670853	47.756	ng		99
73) Carbazole	11.60	167	612398	45.766	ng		99
74) Di-n-butylphthalate	11.92	149	782637	45.623	ng		100
75) Fluoranthene	12.58	202	589716	43.000	ng		98
77) Benzidine	12.69	184	260705	46.366	ng		99
78) Pyrene	12.80	202	583022	45.751	ng		98
80) Butylbenzylphthalate	13.42	149	286487	46.229	ng		97
81) Benzo(a)anthracene	13.99	228	434678	47.909	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	127469	41.573	ng		96
83) Chrysene	14.03	228	425459	45.516	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	388565	50.794	ng		100
85) Di-n-octyl phthalate	14.59	149	603719	48.225	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.92	276	441537	58.809	ng		97
88) Benzo(b)fluoranthene	15.04	252	435894	41.994	ng		99
89) Benzo(k)fluoranthene	15.07	252	405676	42.864	ng		98
90) Benzo(a)pyrene	15.40	252	421926	46.721	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	370101	46.821	ng		98
92) Benzo(g,h,i)perylene	17.37	276	340802	42.274	ng		99

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

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