Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116723.D
Acq On : 1 Sep 2019 4:07
Operator : HP/JU
Sample : K4089-08MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-082919MSD

Manual Integrations APPROVED
mohammad
9/5/2019 9:23:53 AM

Quant Time: Sep 01 05:09:46 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	124975	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	491388	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	258054	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	417644	20.00	ng		0.00
76) Chrysene-d12	13.99	240	249303	20.00	ng		0.00
87) Perylene-d12	15.44	264	288288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	942947	122.23	ng		0.01
7) Phenol-d6	6.48	99	1186644	117.15	ng		0.00
23) Nitrobenzene-d5	7.41	82	891577	103.58	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	278377	161.36	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1486070	97.14	ng		0.00
79) Terphenyl-d14	12.95	244	1371386	101.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	145081	40.741	ng	#	86
3) Pyridine	3.44	79	242403	23.510	ng		96
4) n-Nitrosodimethylamine	3.36	42	144550	40.826	ng	#	77
6) Aniline	6.51	93	210471	15.002	ng		97
8) 2-Chlorophenol	6.64	128	406894	48.318	ng		99
9) Benzaldehyde	6.39	77	138497	20.753	ng		98
10) Phenol	6.49	94	448068	39.946	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	411169	47.077	ng		97
12) 1,3-Dichlorobenzene	6.79	146	416016	43.710	ng		97
13) 1,4-Dichlorobenzene	6.87	146	425341	44.888	ng		99
14) 1,2-Dichlorobenzene	7.02	146	396214	45.120	ng		98
15) Benzyl Alcohol	6.99	79	382344	46.499	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	454996	44.402	ng		98
17) 2-Methylphenol	7.10	107	334300	45.348	ng		97
18) Hexachloroethane	7.36	117	161824	43.957	ng	#	88
19) n-Nitroso-di-n-propylamine	7.26	70	306109	45.896	ng		92
20) 3+4-Methylphenols	7.25	107	400737	46.753	ng	#	80
22) Acetophenone	7.26	105	582762	49.260	ng	#	91
24) Nitrobenzene	7.43	77	459876	52.531	ng		95
25) Isophorone	7.67	82	863578	49.511	ng		98
26) 2-Nitrophenol	7.75	139	202800	62.310	ng		91
27) 2,4-Dimethylphenol	7.78	122	375489	57.124	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	525140	49.268	ng		99
29) 2,4-Dichlorophenol	7.99	162	339706	53.777	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	329223	48.050	ng		96
31) Naphthalene	8.15	128	1180943	50.541	ng		99
32) Benzoic acid	7.89	122	181715	48.960	ng		98
33) 4-Chloroaniline	8.19	127	82146	7.723	ng		97
34) Hexachlorobutadiene	8.27	225	174431	46.691	ng		98
35) Caprolactam	8.56	113	92400m	39.085	ng		
36) 4-Chloro-3-methylphenol	8.67	107	399088	54.968	ng		99
37) 2-Methylnaphthalene	8.84	142	817225	52.566	ng		98
38) 1-Methylnaphthalene	8.94	142	764094	52.064	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	298386	48.235	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	254043	71.116	ng		96
43) 2,4,6-Trichlorophenol	9.12	196	224346	52.906	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	244907	55.630	ng		93
46) 1,1'-Biphenyl	9.30	154	958042	48.926	ng		98
47) 2-Chloronaphthalene	9.33	162	750072	48.363	ng		98
48) 2-Nitroaniline	9.42	65	251135	56.010	ng		99
49) Acenaphthylene	9.75	152	1219907	52.034	ng		99
50) Dimethylphthalate	9.60	163	944505	53.015	ng		99
51) 2,6-Dinitrotoluene	9.66	165	208971	61.477	ng		91
52) Acenaphthene	9.92	154	769521	53.421	ng		98
53) 3-Nitroaniline	9.83	138	113172	26.567	ng		98
54) 2,4-Dinitrophenol	9.93	184	118370	96.091	ng		86
55) Dibenzofuran	10.09	168	1063048	52.349	ng		97
56) 4-Nitrophenol	9.99	139	313383	107.291	ng		87
57) 2,4-Dinitrotoluene	10.07	165	280269	67.432	ng		92
58) Fluorene	10.43	166	818878	52.923	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	188304	59.266	ng		97
60) Diethylphthalate	10.30	149	924418	51.799	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	353843	52.223	ng		95
62) 4-Nitroaniline	10.45	138	226946	54.897	ng		92
63) Azobenzene	10.58	77	975804	52.438	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	91286	57.586	ng		87
66) n-Nitrosodiphenylamine	10.54	169	759375	52.560	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	219187	51.662	ng		97
68) Hexachlorobenzene	10.98	284	220121	49.588	ng		98
69) Atrazine	11.06	200	182829	45.183	ng		98
70) Pentachlorophenol	11.17	266	231142	107.641	ng		99
71) Phenanthrene	11.39	178	1189918	51.182	ng		99
72) Anthracene	11.44	178	1233436	52.704	ng		100
73) Carbazole	11.59	167	1144962	51.360	ng		100
74) Di-n-butylphthalate	11.92	149	1542015	53.956	ng		99
75) Fluoranthene	12.57	202	1125856	49.276	ng		98
78) Pyrene	12.80	202	1126656	50.839	ng		99
80) Butylbenzylphthalate	13.42	149	604074	56.052	ng		98
81) Benzo(a)anthracene	13.99	228	793324	50.279	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	175036	32.826	ng		98
83) Chrysene	14.02	228	825639	50.791	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	824992	62.014	ng		98
85) Di-n-octyl phthalate	14.59	149	1401466	64.374	ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	811097	62.121	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	852712	48.924	ng		99
89) Benzo(k)fluoranthene	15.06	252	765794	48.188	ng		98
90) Benzo(a)pyrene	15.39	252	798480	52.657	ng		97
91) Dibenzo(a,h)anthracene	16.91	278	692920	52.205	ng	#	94
92) Benzo(g,h,i)perylene	17.33	276	635316	46.933	ng	#	93

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

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