Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115914.D
Acq On : 1 Aug 2019 18:49
Operator : HP/JU
Sample : K3618-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-073019MSD

Manual Integrations APPROVED
mohammad
8/5/2019 1:48:10 PM

Quant Time: Aug 02 06:37:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145286	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	543774	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	278590	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	434705	20.00	ng		0.00
76) Chrysene-d12	14.03	240	279019	20.00	ng		0.00
87) Perylene-d12	15.49	264	360044	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1006067	115.92	ng		0.02
7) Phenol-d6	6.50	99	1217163	111.16	ng		0.01
23) Nitrobenzene-d5	7.42	82	905160	96.09	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	345520	127.92	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1532323	103.02	ng		0.00
79) Terphenyl-d14	12.97	244	1406085	106.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	151195	34.485	ng	#	86
3) Pyridine	3.52	79	195155	15.934	ng		99
4) n-Nitrosodimethylamine	3.43	42	180673	37.381	ng		99
6) Aniline	6.52	93	123541	7.878	ng	#	84
8) 2-Chlorophenol	6.65	128	394123	41.068	ng		99
9) Benzaldehyde	6.40	77	122995	16.280	ng		98
10) Phenol	6.51	94	435951	33.810	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	389578	41.095	ng		97
12) 1,3-Dichlorobenzene	6.80	146	443578	39.994	ng		99
13) 1,4-Dichlorobenzene	6.87	146	449672	40.493	ng		97
14) 1,2-Dichlorobenzene	7.03	146	404974	39.605	ng		98
15) Benzyl Alcohol	7.00	79	346562	41.706	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	505934	39.126	ng		93
17) 2-Methylphenol	7.11	107	330297	40.646	ng		99
18) Hexachloroethane	7.37	117	167820	41.046	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	275780	40.644	ng		99
20) 3+4-Methylphenols	7.26	107	389485	40.503	ng	#	76
22) Acetophenone	7.26	105	546490	45.825	ng		99
24) Nitrobenzene	7.43	77	454045	44.637	ng		99
25) Isophorone	7.67	82	786836	43.681	ng		100
26) 2-Nitrophenol	7.75	139	217723	45.408	ng		99
27) 2,4-Dimethylphenol	7.79	122	361677	50.137	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	482532	43.219	ng		99
29) 2,4-Dichlorophenol	8.00	162	346161	45.448	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	379827	43.747	ng		99
31) Naphthalene	8.16	128	1154800	45.129	ng		100
32) Benzoic acid	7.93	122	186553	36.680	ng		99
33) 4-Chloroaniline	8.21	127	42687	3.734	ng		98
34) Hexachlorobutadiene	8.27	225	222473	44.486	ng		98
35) Caprolactam	8.58	113	79156m	32.132	ng		
36) 4-Chloro-3-methylphenol	8.70	107	358142	45.198	ng		97
37) 2-Methylnaphthalene	8.85	142	772310	45.828	ng		99
38) 1-Methylnaphthalene	8.95	142	723216	45.362	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	360586	48.415	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	165972	51.887	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	232478	45.349	ng		98
44) 2,4,5-Trichlorophenol	9.18	196	246870	46.586	ng		97
46) 1,1'-Biphenyl	9.32	154	936902	47.635	ng		100
47) 2-Chloronaphthalene	9.35	162	741168	45.276	ng		100
48) 2-Nitroaniline	9.44	65	229395	42.395	ng		95
49) Acenaphthylene	9.76	152	1116530	46.752	ng		100
50) Dimethylphthalate	9.62	163	914426	48.207	ng		100
51) 2,6-Dinitrotoluene	9.68	165	189978	46.086	ng		93
52) Acenaphthene	9.93	154	669099	45.668	ng		99
53) 3-Nitroaniline	9.85	138	62629	12.296	ng		88
54) 2,4-Dinitrophenol	9.96	184	127028	62.482	ng		99
55) Dibenzofuran	10.10	168	1000391	46.952	ng		98
56) 4-Nitrophenol	10.02	139	264681	81.117	ng		96
57) 2,4-Dinitrotoluene	10.09	165	246935	44.992	ng		98
58) Fluorene	10.45	166	769449	46.938	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	203943	45.745	ng		98
60) Diethylphthalate	10.32	149	794601	44.868	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	386543	46.559	ng		98
62) 4-Nitroaniline	10.47	138	184018	34.958	ng		99
63) Azobenzene	10.60	77	837376	45.970	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	94231	40.905	ng		96
66) n-Nitrosodiphenylamine	10.56	169	666105	50.909	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	236659	50.856	ng		93
68) Hexachlorobenzene	11.00	284	266903	49.601	ng		97
69) Atrazine	11.08	200	175922	40.870	ng		99
70) Pentachlorophenol	11.20	266	243304	93.131	ng		98
71) Phenanthrene	11.41	178	1073084	48.287	ng		99
72) Anthracene	11.46	178	1132162	50.339	ng		99
73) Carbazole	11.62	167	920130	45.094	ng		99
74) Di-n-butylphthalate	11.94	149	1135167	47.690	ng		99
75) Fluoranthene	12.60	202	980913	42.162	ng		100
77) Benzidine	12.72	184	13759	1.460	ng		99
78) Pyrene	12.83	202	978438	46.520	ng		100
80) Butylbenzylphthalate	13.43	149	392835	44.154	ng		95
81) Benzo(a)anthracene	14.02	228	898918	50.405	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	180785	29.179	ng	#	98
83) Chrysene	14.05	228	905944	52.325	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	516861	44.705	ng		100
85) Di-n-octyl phthalate	14.60	149	906255	49.350	ng		99
86) Indeno(1,2,3-cd)pyrene	16.98	276	939341	64.596	ng		99
88) Benzo(b)fluoranthene	15.07	252	991679	47.635	ng		97
89) Benzo(k)fluoranthene	15.10	252	979601	48.311	ng		100
90) Benzo(a)pyrene	15.44	252	977557	52.529	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	816726	50.701	ng		98
92) Benzo(g,h,i)perylene	17.42	276	721445	45.602	ng		99

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

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