Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115913.D
Acq On : 1 Aug 2019 18:22
Operator : HP/JU
Sample : K3618-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Manual Integrations APPROVED
mohammad
8/5/2019 1:48:08 PM

Quant Time: Aug 02 06:31:16 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	6.85	152	135142	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	514809	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	267645	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	424749	20.00	ng		0.00
76) Chrysene-d12	14.03	240	275086	20.00	ng		0.00
87) Perylene-d12	15.49	264	347431	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	949046	117.56	ng		0.02
7) Phenol-d6	6.49	99	1167086	114.59	ng		0.00
23) Nitrobenzene-d5	7.42	82	840805	94.28	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	319546	123.14	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1375200	96.24	ng		0.00
79) Terphenyl-d14	12.96	244	1220151	93.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	151879	37.241	ng	#	85
3) Pyridine	3.50	79	237860	20.879	ng		99
4) n-Nitrosodimethylamine	3.43	42	183435	40.801	ng		100
6) Aniline	6.52	93	96455	6.613	ng	#	81
8) 2-Chlorophenol	6.65	128	387122	43.366	ng		100
9) Benzaldehyde	6.40	77	170990	24.331	ng		100
10) Phenol	6.51	94	434439	36.221	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	383350	43.473	ng		97
12) 1,3-Dichlorobenzene	6.80	146	426979	41.387	ng		100
13) 1,4-Dichlorobenzene	6.87	146	434328	42.047	ng		98
14) 1,2-Dichlorobenzene	7.03	146	400562	42.113	ng		99
15) Benzyl Alcohol	7.00	79	346917	44.882	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	502507	41.778	ng		94
17) 2-Methylphenol	7.11	107	324058	42.872	ng		99
18) Hexachloroethane	7.36	117	154693	40.675	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	267492	42.382	ng		100
20) 3+4-Methylphenols	7.26	107	386686	43.230	ng	#	75
22) Acetophenone	7.26	105	539377	47.773	ng		99
24) Nitrobenzene	7.43	77	443965	46.102	ng		99
25) Isophorone	7.67	82	774962	45.442	ng		99
26) 2-Nitrophenol	7.75	139	213268	46.981	ng		100
27) 2,4-Dimethylphenol	7.79	122	347411	50.869	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	472283	44.681	ng		99
29) 2,4-Dichlorophenol	8.00	162	338483	46.940	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	364766	44.376	ng		99
31) Naphthalene	8.16	128	1139551	47.039	ng		100
32) Benzoic acid	7.93	122	171335	35.584	ng		97
33) 4-Chloroaniline	8.21	127	49104	4.536	ng		99
34) Hexachlorobutadiene	8.27	225	202826	42.839	ng		99
35) Caprolactam	8.58	113	80119m	34.353	ng		
36) 4-Chloro-3-methylphenol	8.70	107	344310	45.897	ng		97
37) 2-Methylnaphthalene	8.85	142	753873	47.251	ng		98
38) 1-Methylnaphthalene	8.95	142	707453	46.870	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	335913	46.946	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	137206	45.474	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	225658	45.818	ng		98
44) 2,4,5-Trichlorophenol	9.18	196	235752	46.307	ng		99
46) 1,1'-Biphenyl	9.32	154	896823	47.462	ng		100
47) 2-Chloronaphthalene	9.35	162	715215	45.478	ng		99
48) 2-Nitroaniline	9.44	65	223587	43.012	ng		95
49) Acenaphthylene	9.76	152	1076030	46.898	ng		99
50) Dimethylphthalate	9.62	163	859026	47.138	ng		100
51) 2,6-Dinitrotoluene	9.68	165	178987	45.195	ng		96
52) Acenaphthene	9.93	154	640787	45.524	ng		99
53) 3-Nitroaniline	9.85	138	66971	13.686	ng		88
54) 2,4-Dinitrophenol	9.96	184	109078	56.677	ng		97
55) Dibenzofuran	10.10	168	937186	45.784	ng		98
56) 4-Nitrophenol	10.02	139	255507	81.508	ng		97
57) 2,4-Dinitrotoluene	10.09	165	230923	43.795	ng		90
58) Fluorene	10.45	166	720776	45.767	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	191610	44.736	ng		98
60) Diethylphthalate	10.32	149	748579	43.998	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	356337	44.676	ng		100
62) 4-Nitroaniline	10.46	138	180321	35.657	ng		98
63) Azobenzene	10.59	77	768095	43.891	ng		100
65) 4,6-Dinitro-2-methylphenol	10.50	198	81208	36.078	ng		89
66) n-Nitrosodiphenylamine	10.55	169	634308	49.615	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	213961	47.056	ng		99
68) Hexachlorobenzene	11.00	284	229180	43.589	ng		98
69) Atrazine	11.08	200	184869	43.955	ng		99
70) Pentachlorophenol	11.19	266	227590	89.158	ng		98
71) Phenanthrene	11.41	178	991307	45.653	ng		100
72) Anthracene	11.46	178	1016878	46.273	ng		100
73) Carbazole	11.61	167	883796	44.329	ng		99
74) Di-n-butylphthalate	11.94	149	1077699	46.337	ng		100
75) Fluoranthene	12.60	202	900408	39.609	ng		99
77) Benzidine	12.72	184	45842	4.933	ng		96
78) Pyrene	12.83	202	882906	42.578	ng		100
80) Butylbenzylphthalate	13.43	149	370477	42.236	ng		96
81) Benzo(a)anthracene	14.02	228	764157	43.461	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	175412	28.716	ng	#	98
83) Chrysene	14.05	228	761135	44.589	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	486008	42.637	ng		100
85) Di-n-octyl phthalate	14.60	149	821868	45.394	ng		100
86) Indeno(1,2,3-cd)pyrene	16.98	276	801835	55.928	ng		99
88) Benzo(b)fluoranthene	15.07	252	846743	42.150	ng		98
89) Benzo(k)fluoranthene	15.10	252	810883	41.442	ng		98
90) Benzo(a)pyrene	15.43	252	811740	45.202	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	687553	44.231	ng		98
92) Benzo(g,h,i)perylene	17.42	276	620349	40.636	ng		98

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

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