Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115857.D
Acq On : 31 Jul 2019 11:18
Operator : HP/JU
Sample : PB121767BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121767BS

Manual Integrations APPROVED
mohammad
8/1/2019 5:06:17 PM

Quant Time: Jul 31 18:41:28 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	145610	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	584609	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	309318	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	535004	20.00	ng		0.00
76) Chrysene-d12	14.03	240	418915	20.00	ng		0.00
87) Perylene-d12	15.49	264	437720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	935693	107.58	ng		0.02
7) Phenol-d6	6.49	99	1200458	109.39	ng		0.00
23) Nitrobenzene-d5	7.42	82	776129	76.63	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	336950	112.36	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1365877	82.71	ng		0.00
79) Terphenyl-d14	12.96	244	1476117	74.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	171392	39.005	ng		100
3) Pyridine	3.46	79	444243	36.192	ng		99
4) n-Nitrosodimethylamine	3.41	42	197831	40.840	ng		98
6) Aniline	6.52	93	493314	31.389	ng		99
8) 2-Chlorophenol	6.64	128	410437	42.673	ng		97
9) Benzaldehyde	6.40	77	235242	31.068	ng		96
10) Phenol	6.50	94	532283	41.189	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	390835	41.135	ng		99
12) 1,3-Dichlorobenzene	6.79	146	444768	40.012	ng		97
13) 1,4-Dichlorobenzene	6.87	146	446613	40.128	ng		99
14) 1,2-Dichlorobenzene	7.02	146	409970	40.004	ng		98
15) Benzyl Alcohol	6.99	79	353011	42.388	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	517668	39.945	ng		99
17) 2-Methylphenol	7.11	107	339690	41.709	ng		99
18) Hexachloroethane	7.36	117	162504	39.657	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	278720	40.986	ng		96
20) 3+4-Methylphenols	7.26	107	410798	42.624	ng		92
22) Acetophenone	7.26	105	551214	42.992	ng	#	99
24) Nitrobenzene	7.43	77	450569	41.202	ng		97
25) Isophorone	7.67	82	805622	41.600	ng		98
26) 2-Nitrophenol	7.75	139	224827	43.614	ng		98
27) 2,4-Dimethylphenol	7.79	122	361751	46.645	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	489235	40.758	ng		100
29) 2,4-Dichlorophenol	7.99	162	348529	42.562	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	378710	40.572	ng		99
31) Naphthalene	8.16	128	1180412	42.908	ng		100
32) Benzoic acid	7.93	122	241238	44.120	ng		98
33) 4-Chloroaniline	8.20	127	276506	22.495	ng		99
34) Hexachlorobutadiene	8.27	225	214343	39.866	ng		100
35) Caprolactam	8.57	113	106431m	40.186	ng		
36) 4-Chloro-3-methylphenol	8.69	107	362124	42.509	ng		97
37) 2-Methylnaphthalene	8.85	142	788310	43.510	ng		99
38) 1-Methylnaphthalene	8.95	142	734324	42.842	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	349097	42.216	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	309394	83.095	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	227981	40.054	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	245085	41.655	ng		97
46) 1,1'-Biphenyl	9.32	154	937240	42.918	ng		100
47) 2-Chloronaphthalene	9.34	162	738081	40.609	ng		98
48) 2-Nitroaniline	9.43	65	234823	39.087	ng		90
49) Acenaphthylene	9.76	152	1142530	43.088	ng		99
50) Dimethylphthalate	9.62	163	839044	39.839	ng		100
51) 2,6-Dinitrotoluene	9.68	165	189333	41.367	ng		98
52) Acenaphthene	9.93	154	679988	41.801	ng		99
53) 3-Nitroaniline	9.85	138	142039	25.116	ng		90
54) 2,4-Dinitrophenol	9.96	184	173612	75.108	ng		91
55) Dibenzofuran	10.10	168	1012388	42.795	ng		99
56) 4-Nitrophenol	10.02	139	330183	91.139	ng		98
57) 2,4-Dinitrotoluene	10.09	165	253318	41.570	ng		96
58) Fluorene	10.45	166	772630	42.450	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	205659	41.547	ng		99
60) Diethylphthalate	10.32	149	785561	39.951	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	379703	41.192	ng		99
62) 4-Nitroaniline	10.47	138	214057	36.625	ng		98
63) Azobenzene	10.60	77	833792	41.226	ng		95
65) 4,6-Dinitro-2-methylphenol	10.50	198	123475	43.551	ng		93
66) n-Nitrosodiphenylamine	10.56	169	685863	42.592	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	232936	40.672	ng		99
68) Hexachlorobenzene	11.00	284	263240	39.749	ng		100
69) Atrazine	11.08	200	210228	39.684	ng		99
70) Pentachlorophenol	11.19	266	279361	86.886	ng		99
71) Phenanthrene	11.41	178	1141283	41.728	ng		100
72) Anthracene	11.46	178	1194812	43.165	ng		99
73) Carbazole	11.61	167	1065819	42.442	ng		100
74) Di-n-butylphthalate	11.94	149	1187278	40.528	ng		100
75) Fluoranthene	12.60	202	1201382	41.957	ng		100
77) Benzidine	12.71	184	672369	47.508	ng		98
78) Pyrene	12.83	202	1234367	39.089	ng		100
80) Butylbenzylphthalate	13.44	149	522242	39.096	ng		98
81) Benzo(a)anthracene	14.02	228	1075431	40.165	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	263335	28.309	ng	#	99
83) Chrysene	14.05	228	1066404	41.024	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	687956	39.632	ng		100
85) Di-n-octyl phthalate	14.61	149	1166378	42.304	ng		100
86) Indeno(1,2,3-cd)pyrene	16.97	276	968687	44.368	ng		99
88) Benzo(b)fluoranthene	15.06	252	1100954	43.500	ng		98
89) Benzo(k)fluoranthene	15.09	252	931045	37.768	ng		100
90) Benzo(a)pyrene	15.43	252	963670	42.594	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	819099	41.825	ng		99
92) Benzo(g,h,i)perylene	17.41	276	795891	41.381	ng		99

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

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