Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115337.D
Acq On : 1 Jul 2019 14:34
Operator : HP/JU
Sample : K3158-08MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-062719MS

Manual Integrations APPROVED
mohammad
7/2/2019 2:53:34 PM

Quant Time: Jul 02 08:48:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	262568	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	1015507	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	495876	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	963936	20.00	ng		0.01
76) Chrysene-d12	13.73	240	628311	20.00	ng		0.01
87) Perylene-d12	15.11	264	758555	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1710716	100.54	ng		0.04
7) Phenol-d6	6.25	99	2028968	98.25	ng		0.02
23) Nitrobenzene-d5	7.17	82	1436605	87.02	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	671429	128.40	ng		0.01
45) 2-Fluorobiphenyl	8.97	172	2757310	94.45	ng		0.00
79) Terphenyl-d14	12.69	244	2761432	93.44	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	241790	30.110	ng	#	84
3) Pyridine	3.01	79	613545	27.108	ng		98
4) n-Nitrosodimethylamine	2.92	42	280608	31.626	ng		96
6) Aniline	6.27	93	196699	6.930	ng	#	1
8) 2-Chlorophenol	6.40	128	706927	36.949	ng		98
9) Benzaldehyde	6.15	77	290422	21.555	ng		99
10) Phenol	6.27	94	716799	29.631	ng		87
11) bis(2-Chloroethyl)ether	6.35	93	655951	36.785	ng		99
12) 1,3-Dichlorobenzene	6.55	146	723076	34.054	ng		98
13) 1,4-Dichlorobenzene	6.62	146	742849	34.888	ng		98
14) 1,2-Dichlorobenzene	6.78	146	680903	34.532	ng		98
15) Benzyl Alcohol	6.75	79	560711	37.286	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	903502	34.934	ng		95
17) 2-Methylphenol	6.87	107	587696	37.214	ng		98
18) Hexachloroethane	7.11	117	262360	34.178	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	457936	34.635	ng		99
20) 3+4-Methylphenols	7.02	107	683023	37.457	ng	#	82
22) Acetophenone	7.02	105	960695	41.323	ng	#	95
24) Nitrobenzene	7.18	77	721521	39.673	ng		98
25) Isophorone	7.43	82	1317634	38.963	ng		100
26) 2-Nitrophenol	7.50	139	406190	45.226	ng		98
27) 2,4-Dimethylphenol	7.55	122	639768	43.506	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	852751	39.896	ng		100
29) 2,4-Dichlorophenol	7.75	162	629704	41.494	ng		99
30) 1,2,4-Trichlorobenzene	7.83	180	672061	40.093	ng		99
31) Naphthalene	7.91	128	2025066	40.624	ng		100
32) Benzoic acid	7.66	122	158230	15.074	ng		98
33) 4-Chloroaniline	7.95	127	121249	5.322	ng		99
34) Hexachlorobutadiene	8.03	225	364308	39.659	ng		99
35) Caprolactam	8.34	113	175571m	34.411	ng		
36) 4-Chloro-3-methylphenol	8.45	107	636073	41.387	ng		100
37) 2-Methylnaphthalene	8.60	142	1427364	42.468	ng		98
38) 1-Methylnaphthalene	8.70	142	1328474	41.385	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	604019	43.105	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	673563	81.065	ng		100
43) 2,4,6-Trichlorophenol	8.88	196	467792	43.241	ng		99
44) 2,4,5-Trichlorophenol	8.92	196	500466	44.922	ng		98
46) 1,1'-Biphenyl	9.06	154	1683828	42.438	ng		99
47) 2-Chloronaphthalene	9.08	162	1342763	41.721	ng		98
48) 2-Nitroaniline	9.18	65	391201	41.692	ng		95
49) Acenaphthylene	9.50	152	2101601	41.911	ng		99
50) Dimethylphthalate	9.37	163	1545292	42.357	ng		99
51) 2,6-Dinitrotoluene	9.42	165	368033	43.695	ng		92
52) Acenaphthene	9.67	154	1223041	38.978	ng		99
53) 3-Nitroaniline	9.58	138	144290	14.038	ng		96
54) 2,4-Dinitrophenol	9.70	184	139560	36.589	ng		96
55) Dibenzofuran	9.84	168	1804009	40.058	ng		99
56) 4-Nitrophenol	9.77	139	585907	71.103	ng		90
57) 2,4-Dinitrotoluene	9.82	165	478175	43.968	ng		91
58) Fluorene	10.18	166	1300509	43.094	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	410811	43.976	ng		97
60) Diethylphthalate	10.07	149	1507542	41.108	ng		100
61) 4-Chlorophenyl-phenylether	10.17	204	623743	43.556	ng		95
62) 4-Nitroaniline	10.20	138	390670	37.887	ng		99
63) Azobenzene	10.34	77	1373748	40.105	ng		99
65) 4,6-Dinitro-2-methylphenol	10.23	198	151451	31.437	ng		80
66) n-Nitrosodiphenylamine	10.30	169	1270622	42.310	ng		99
67) 4-Bromophenyl-phenylether	10.66	248	440841	42.182	ng		98
68) Hexachlorobenzene	10.73	284	482456	42.530	ng		98
69) Atrazine	10.82	200	383555	39.703	ng		99
70) Pentachlorophenol	10.92	266	522008	72.231	ng		98
71) Phenanthrene	11.13	178	2052772	39.553	ng		100
72) Anthracene	11.18	178	2075322	39.614	ng		98
73) Carbazole	11.34	167	1902380	40.665	ng		99
74) Di-n-butylphthalate	11.68	149	2169210	40.127	ng		99
75) Fluoranthene	12.31	202	2088081	40.324	ng		99
77) Benzidine	12.43	184	557089	19.968	ng	#	95
78) Pyrene	12.54	202	2130663	44.126	ng		99
80) Butylbenzylphthalate	13.17	149	979221	45.953	ng		99
81) Benzo(a)anthracene	13.72	228	1923312	42.661	ng		100
82) 3,3'-Dichlorobenzidine	13.68	252	268902	16.517	ng		100
83) Chrysene	13.76	228	1857902	44.988	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1239222	44.382	ng		99
85) Di-n-octyl phthalate	14.35	149	2188779	46.656	ng		99
86) Indeno(1,2,3-cd)pyrene	16.38	276	1867240	38.211	ng		98
88) Benzo(b)fluoranthene	14.74	252	2030643	42.902	ng		99
89) Benzo(k)fluoranthene	14.77	252	1725011	40.640	ng		97
90) Benzo(a)pyrene	15.06	252	1819913	42.660	ng		97
91) Dibenzo(a,h)anthracene	16.41	278	1546089	38.821	ng		98
92) Benzo(g,h,i)perylene	16.77	276	1546707	38.371	ng		98

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

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