Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116722.D
Acq On : 1 Sep 2019 3:40
Operator : HP/JU
Sample : K4089-08MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-082919MS

Manual Integrations APPROVED
mohammad
9/5/2019 9:23:50 AM

Quant Time: Sep 01 05:03:03 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	116789	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	462949	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	241784	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	405947	20.00	ng		0.00
76) Chrysene-d12	13.99	240	240913	20.00	ng		0.00
87) Perylene-d12	15.44	264	270089	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	928208	128.76	ng		0.01
7) Phenol-d6	6.48	99	1167432	123.33	ng		0.00
23) Nitrobenzene-d5	7.41	82	865813	106.77	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	276242	170.90	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1435674	100.17	ng		0.00
79) Terphenyl-d14	12.94	244	1398619	107.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	133685	40.172	ng	#	84
3) Pyridine	3.43	79	264827	27.485	ng		93
4) n-Nitrosodimethylamine	3.35	42	141743	42.840	ng		88
6) Aniline	6.51	93	273156	20.834	ng		99
8) 2-Chlorophenol	6.63	128	384360	48.841	ng		94
9) Benzaldehyde	6.39	77	217403	34.860	ng		98
10) Phenol	6.49	94	431719	41.186	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	389919	47.773	ng		97
12) 1,3-Dichlorobenzene	6.79	146	388311	43.659	ng		97
13) 1,4-Dichlorobenzene	6.86	146	399952	45.167	ng		99
14) 1,2-Dichlorobenzene	7.02	146	374252	45.607	ng		99
15) Benzyl Alcohol	6.99	79	374859	48.785	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	431690	45.081	ng		99
17) 2-Methylphenol	7.10	107	322681	46.840	ng		94
18) Hexachloroethane	7.36	117	149180	43.362	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	294932	47.319	ng	#	89
20) 3+4-Methylphenols	7.25	107	391477	48.874	ng	#	84
22) Acetophenone	7.26	105	555382	49.830	ng	#	91
24) Nitrobenzene	7.43	77	441004	53.470	ng		93
25) Isophorone	7.67	82	826164	50.276	ng		98
26) 2-Nitrophenol	7.75	139	191849	62.566	ng		89
27) 2,4-Dimethylphenol	7.78	122	357769	57.772	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	503739	50.164	ng		99
29) 2,4-Dichlorophenol	7.99	162	328073	55.125	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	319570	49.506	ng		94
31) Naphthalene	8.15	128	1139078	51.744	ng		99
32) Benzoic acid	7.89	122	153060	43.773	ng		97
33) 4-Chloroaniline	8.19	127	109061	10.884	ng		97
34) Hexachlorobutadiene	8.27	225	165963	47.153	ng		99
35) Caprolactam	8.56	113	94821m	42.573	ng		
36) 4-Chloro-3-methylphenol	8.67	107	383254	56.030	ng		99
37) 2-Methylnaphthalene	8.84	142	790402	53.964	ng		98
38) 1-Methylnaphthalene	8.94	142	736590	53.274	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	288485	49.773	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	229946	68.702	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	214573	54.006	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	236611	57.363	ng		94
46) 1,1'-Biphenyl	9.30	154	925743	50.458	ng		98
47) 2-Chloronaphthalene	9.33	162	731748	50.356	ng		99
48) 2-Nitroaniline	9.42	65	245250	58.378	ng		98
49) Acenaphthylene	9.75	152	1171211	53.319	ng		99
50) Dimethylphthalate	9.60	163	885559	53.051	ng		99
51) 2,6-Dinitrotoluene	9.66	165	199603	62.673	ng		91
52) Acenaphthene	9.92	154	736739	54.587	ng		99
53) 3-Nitroaniline	9.83	138	146885	36.802	ng		91
54) 2,4-Dinitrophenol	9.93	184	100094	87.604	ng		89
55) Dibenzofuran	10.09	168	1026312	53.941	ng		98
56) 4-Nitrophenol	9.99	139	304704	111.339	ng		88
57) 2,4-Dinitrotoluene	10.07	165	272409	69.951	ng		88
58) Fluorene	10.43	166	787342	54.309	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	176125	59.163	ng		96
60) Diethylphthalate	10.30	149	884179	52.878	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	339436	53.468	ng		97
62) 4-Nitroaniline	10.45	138	232069	59.914	ng		93
63) Azobenzene	10.58	77	951070	54.548	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	80529	52.953	ng		89
66) n-Nitrosodiphenylamine	10.54	169	735485	52.373	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	207214	50.247	ng		98
68) Hexachlorobenzene	10.98	284	212436	49.236	ng		98
69) Atrazine	11.06	200	211017	53.652	ng		96
70) Pentachlorophenol	11.17	266	217330	104.125	ng		97
71) Phenanthrene	11.39	178	1168548	51.711	ng		99
72) Anthracene	11.44	178	1204019	52.929	ng		99
73) Carbazole	11.59	167	1141491	52.680	ng		100
74) Di-n-butylphthalate	11.92	149	1458000	52.487	ng		99
75) Fluoranthene	12.57	202	1130885	50.923	ng		98
77) Benzidine	12.69	184	60584	6.412	ng		99
78) Pyrene	12.80	202	1115210	52.075	ng		99
80) Butylbenzylphthalate	13.42	149	600426	57.654	ng		100
81) Benzo(a)anthracene	13.99	228	783298	51.373	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	238412	46.269	ng		99
83) Chrysene	14.02	228	811036	51.630	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	806858	62.763	ng		98
85) Di-n-octyl phthalate	14.59	149	1338243	63.611	ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	799303	63.349	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	814863	49.902	ng		98
89) Benzo(k)fluoranthene	15.06	252	739875	49.694	ng		98
90) Benzo(a)pyrene	15.39	252	769014	54.131	ng		97
91) Dibenzo(a,h)anthracene	16.91	278	672853	54.109	ng	#	94
92) Benzo(g,h,i)perylene	17.33	276	627467	49.476	ng	#	94

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

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