Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116171.D
Acq On : 11 Aug 2019 3:11
Operator : HP/JU
Sample : K4293-04MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-4MS

Manual Integrations APPROVED
mohammad
8/14/2019 2:55:01 AM

Quant Time: Aug 12 04:16:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	145759	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	571108	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	280219	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	387242	20.00	ng		0.00
76) Chrysene-d12	14.00	240	249732	20.00	ng		0.00
87) Perylene-d12	15.47	264	246696	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	653751	75.08	ng		0.00
7) Phenol-d6	6.48	99	852645	77.62	ng		0.00
23) Nitrobenzene-d5	7.40	82	528066	53.37	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	175915	64.75	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	894164	59.77	ng		-0.01
79) Terphenyl-d14	12.94	244	695177	58.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	168901	38.399	ng		99
3) Pyridine	3.42	79	443765	36.116	ng		99
4) n-Nitrosodimethylamine	3.37	42	191222	39.435	ng		99
6) Aniline	6.50	93	310810	19.756	ng	#	88
8) 2-Chlorophenol	6.63	128	451815	46.927	ng		96
9) Benzaldehyde	6.39	77	228534	30.151	ng		98
10) Phenol	6.49	94	577342	44.630	ng		82
11) bis(2-Chloroethyl)ether	6.57	93	437602	46.011	ng		99
12) 1,3-Dichlorobenzene	6.78	146	478311	42.986	ng		99
13) 1,4-Dichlorobenzene	6.86	146	494398	44.376	ng		98
14) 1,2-Dichlorobenzene	7.01	146	459793	44.820	ng		99
15) Benzyl Alcohol	6.99	79	377147	45.239	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	575551	44.366	ng		97
17) 2-Methylphenol	7.10	107	375881	46.106	ng		99
18) Hexachloroethane	7.35	117	172686	42.099	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	309523	45.469	ng		98
20) 3+4-Methylphenols	7.25	107	462797	47.970	ng	#	81
22) Acetophenone	7.25	105	603511	48.184	ng		98
24) Nitrobenzene	7.42	77	501053	46.901	ng		99
25) Isophorone	7.66	82	916669	48.453	ng		100
26) 2-Nitrophenol	7.74	139	239068	47.473	ng		98
27) 2,4-Dimethylphenol	7.78	122	397223	52.429	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	571138	48.707	ng		99
29) 2,4-Dichlorophenol	7.99	162	392511	49.066	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	422134	46.293	ng		99
31) Naphthalene	8.14	128	1259533	46.866	ng		99
32) Benzoic acid	7.90	122	70402m	13.180	ng		
33) 4-Chloroaniline	8.19	127	157752	13.137	ng		99
34) Hexachlorobutadiene	8.26	225	239275	45.556	ng		99
35) Caprolactam	8.57	113	107576m	41.579	ng		
36) 4-Chloro-3-methylphenol	8.69	107	390691	46.946	ng		98
37) 2-Methylnaphthalene	8.83	142	824930	46.607	ng		99
38) 1-Methylnaphthalene	8.93	142	761009	45.448	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	382682	51.083	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	74037	26.307 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	239197	46.388 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	252090	47.295 ng	99
46) 1,1'-Biphenyl	9.30	154	986857	49.883 ng	98
47) 2-Chloronaphthalene	9.32	162	775560	47.102 ng	100
48) 2-Nitroaniline	9.42	65	241634	44.398 ng	96
49) Acenaphthylene	9.74	152	1121015	46.667 ng	98
50) Dimethylphthalate	9.59	163	1043659	54.700 ng	100
51) 2,6-Dinitrotoluene	9.66	165	198437	47.858 ng	91
52) Acenaphthene	9.91	154	666273	45.211 ng	99
53) 3-Nitroaniline	9.83	138	132446	25.851 ng	97
54) 2,4-Dinitrophenol	9.96	184	20565	16.612 ng	96
55) Dibenzofuran	10.08	168	957324	44.669 ng	99
56) 4-Nitrophenol	10.01	139	235058	71.620 ng	93
57) 2,4-Dinitrotoluene	10.07	165	226116	40.959 ng	98
58) Fluorene	10.42	166	741861	44.992 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	181450	40.463 ng	99
60) Diethylphthalate	10.29	149	884348	49.645 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	392724	47.028 ng	98
62) 4-Nitroaniline	10.45	138	179481	33.898 ng	99
63) Azobenzene	10.57	77	833919	45.514 ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	31049	15.130 ng	95
66) n-Nitrosodiphenylamine	10.53	169	673048	57.745 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	228343	55.083 ng	95
68) Hexachlorobenzene	10.98	284	234223	48.862 ng	94
69) Atrazine	11.06	200	209789	54.711 ng	99
70) Pentachlorophenol	11.17	266	164927	70.868 ng	97
71) Phenanthrene	11.39	178	940543	47.510 ng	99
72) Anthracene	11.44	178	990555	49.441 ng	99
73) Carbazole	11.59	167	856290	47.109 ng	99
74) Di-n-butylphthalate	11.92	149	1192581	56.243 ng	99
75) Fluoranthene	12.57	202	869155	41.937 ng	99
77) Benzidine	12.69	184	419068	49.670 ng	97
78) Pyrene	12.80	202	854506	45.392 ng	100
80) Butylbenzylphthalate	13.41	149	404936	50.851 ng	98
81) Benzo(a)anthracene	13.99	228	756900	47.419 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	238708	43.045 ng	97
83) Chrysene	14.03	228	751322	48.483 ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	603572	58.327 ng	98
85) Di-n-octyl phthalate	14.57	149	998150	60.728 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	581468	44.675 ng	100
88) Benzo(b)fluoranthene	15.04	252	714623	50.099 ng	99
89) Benzo(k)fluoranthene	15.07	252	677412	48.757 ng	99
90) Benzo(a)pyrene	15.41	252	634266	49.742 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	504671	45.723 ng	99
92) Benzo(g,h,i)perylene	17.39	276	460749	42.505 ng	98

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

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