Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022496.D
Acq On : 03 Sep 2019 10:55
Operator : HP/JU
Sample : PB122730BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB122730BS

Manual Integrations APPROVED
mohammad
9/6/2019 8:18:52 AM

Quant Time: Sep 03 11:33:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 02 03:54:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	18755	20.00	ng		0.00
21) Naphthalene-d8	10.27	136	75661	20.00	ng		0.00
39) Acenaphthene-d10	14.16	164	48488	20.00	ng		0.00
64) Phenanthrene-d10	16.93	188	94320	20.00	ng		0.00
76) Chrysene-d12	21.15	240	89809	20.00	ng		0.00
87) Perylene-d12	23.34	264	76965	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	142390	133.27	ng		0.00
7) Phenol-d6	6.71	99	175173	122.60	ng		0.00
23) Nitrobenzene-d5	8.68	82	124469	72.06	ng		0.00
42) 2,4,6-Tribromophenol	15.68	330	100572	101.36	ng		0.00
45) 2-Fluorobiphenyl	12.77	172	290286	67.82	ng		0.00
79) Terphenyl-d14	19.58	244	465857	68.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	23551	47.767	ng		93
3) Pyridine	3.52	79	43510	36.687	ng		98
4) n-Nitrosodimethylamine	3.45	42	40912	50.035	ng		98
6) Aniline	6.86	93	73767	40.511	ng		98
8) 2-Chlorophenol	7.07	128	61261	49.813	ng		97
9) Benzaldehyde	6.68	77	44181	49.631	ng		98
10) Phenol	6.73	94	68158	47.484	ng		95
11) bis(2-Chloroethyl)ether	6.96	93	51770	47.791	ng		99
12) 1,3-Dichlorobenzene	7.39	146	67451	45.202	ng		96
13) 1,4-Dichlorobenzene	7.54	146	69456	45.938	ng		97
14) 1,2-Dichlorobenzene	7.85	146	66443	43.836	ng		98
15) Benzyl Alcohol	7.77	79	61557	45.412	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.03	45	64663	46.063	ng		97
17) 2-Methylphenol	7.96	107	48283	46.254	ng		99
18) Hexachloroethane	8.54	117	35028	49.968	ng		89
19) n-Nitroso-di-n-propylamine	8.32	70	47772	43.080	ng		92
20) 3+4-Methylphenols	8.29	107	64096	45.217	ng		94
22) Acetophenone	8.35	105	93374	44.692	ng	#	99
24) Nitrobenzene	8.72	77	79182	47.616	ng		96
25) Isophorone	9.24	82	123757	45.627	ng		97
26) 2-Nitrophenol	9.42	139	32683	49.065	ng		97
27) 2,4-Dimethylphenol	9.48	122	53319	53.661	ng		99
28) bis(2-Chloroethoxy)methane	9.72	93	71939	45.838	ng		98
29) 2,4-Dichlorophenol	9.95	162	59195	45.533	ng		94
30) 1,2,4-Trichlorobenzene	10.14	180	73826	44.595	ng		99
31) Naphthalene	10.32	128	180602	45.891	ng		100
32) Benzoic acid	9.70	122	34869	44.554	ng		93
33) 4-Chloroaniline	10.48	127	35227	20.804	ng		96
34) Hexachlorobutadiene	10.57	225	77600	47.524	ng		98
35) Caprolactam	11.32	113	13105m	39.660	ng		
36) 4-Chloro-3-methylphenol	11.60	107	61337	44.764	ng		93
37) 2-Methylnaphthalene	11.95	142	132716	44.378	ng		96
38) 1-Methylnaphthalene	12.17	142	123912	42.928	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	110687	48.100	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	106517	108.436	ng		96
43) 2,4,6-Trichlorophenol	12.59	196	57437	46.242	ng		100
44) 2,4,5-Trichlorophenol	12.67	196	56739	46.068	ng		97
46) 1,1'-Biphenyl	12.99	154	177608	44.829	ng		99
47) 2-Chloronaphthalene	13.03	162	139993	44.501	ng		99
48) 2-Nitroaniline	13.28	65	43779	43.209	ng		99
49) Acenaphthylene	13.89	152	215626	45.415	ng		99
50) Dimethylphthalate	13.65	163	177179	42.013	ng		99
51) 2,6-Dinitrotoluene	13.79	165	35201	42.491	ng		93
52) Acenaphthene	14.23	154	121766	42.762	ng		98
53) 3-Nitroaniline	14.13	138	20104	25.274	ng		99
54) 2,4-Dinitrophenol	14.36	184	35084	71.430	ng		93
55) Dibenzofuran	14.57	168	208920	43.553	ng		96
56) 4-Nitrophenol	14.46	139	37193	70.291	ng		88
57) 2,4-Dinitrotoluene	14.60	165	47602	39.967	ng	#	96
58) Fluorene	15.23	166	177562	41.432	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.81	232	60813	43.813	ng		98
60) Diethylphthalate	15.02	149	181889	41.291	ng		100
61) 4-Chlorophenyl-phenylether	15.22	204	127193	43.160	ng		100
62) 4-Nitroaniline	15.32	138	26036	34.971	ng		98
63) Azobenzene	15.52	77	210732	47.924	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	27060	48.079	ng		99
66) n-Nitrosodiphenylamine	15.45	169	139271	48.907	ng		99
67) 4-Bromophenyl-phenylether	16.12	248	72848	49.088	ng		96
68) Hexachlorobenzene	16.23	284	74244	44.167	ng		95
69) Atrazine	16.42	200	55424	45.714	ng		99
70) Pentachlorophenol	16.59	266	73916	98.307	ng		95
71) Phenanthrene	16.97	178	239184	43.505	ng		98
72) Anthracene	17.07	178	245011	45.295	ng		99
73) Carbazole	17.36	167	180211	40.304	ng		98
74) Di-n-butylphthalate	17.90	149	275542	45.447	ng		99
75) Fluoranthene	19.01	202	296948	40.558	ng		100
77) Benzidine	19.23	184	92785	61.355	ng		98
78) Pyrene	19.38	202	299294	48.900	ng		99
80) Butylbenzylphthalate	20.29	149	106100	49.673	ng		96
81) Benzo(a)anthracene	21.14	228	281630	43.690	ng		99
82) 3,3'-Dichlorobenzidine	21.09	252	73690	36.853	ng		97
83) Chrysene	21.19	228	268792	43.809	ng		99
84) Bis(2-ethylhexyl)phthalate	21.05	149	155091	53.475	ng		97
85) Di-n-octyl phthalate	21.92	149	247691	53.176	ng		97
86) Indeno(1,2,3-cd)pyrene	25.51	276	245801	39.828	ng		99
88) Benzo(b)fluoranthene	22.69	252	239287	44.753	ng		99
89) Benzo(k)fluoranthene	22.73	252	241084	45.452	ng		99
90) Benzo(a)pyrene	23.25	252	222453	46.873	ng		99
91) Dibenzo(a,h)anthracene	25.51	278	199148	42.082	ng		99
92) Benzo(g,h,i)perylene	26.19	276	187973	45.576	ng		98

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

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