Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000339.D
Acq On : 19 Sep 2019 18:52
Operator : HP/JU
Sample : K4962-05MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TH-4MS

Manual Integrations APPROVED
mohammad
9/20/2019 1:10:04 PM

Quant Time: Sep 20 05:36:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	229964	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	816350	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	455664	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	804680	20.00	ng		0.00
76) Chrysene-d12	14.00	240	691998	20.00	ng		0.00
87) Perylene-d12	15.48	264	824137	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1431059	107.43	ng		0.01
7) Phenol-d6	6.43	99	1837000	112.50	ng		0.00
23) Nitrobenzene-d5	7.35	82	1030779	81.47	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	585107	129.46	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2256556	89.13	ng		0.00
79) Terphenyl-d14	12.93	244	2518278	76.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	188709	31.393	ng		98
3) Pyridine	3.28	79	461387	28.511	ng		99
4) n-Nitrosodimethylamine	3.21	42	159822	35.025	ng		97
6) Aniline	6.45	93	257837	11.453	ng	#	88
8) 2-Chlorophenol	6.58	128	589682	41.109	ng		97
9) Benzaldehyde	6.33	77	299040	32.782	ng		99
10) Phenol	6.45	94	763258	41.142	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	522578	36.784	ng		97
12) 1,3-Dichlorobenzene	6.73	146	663461	38.544	ng		99
13) 1,4-Dichlorobenzene	6.81	146	670266	39.137	ng		97
14) 1,2-Dichlorobenzene	6.96	146	627907	40.024	ng		99
15) Benzyl Alcohol	6.93	79	470457	39.592	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	462357	34.328	ng		98
17) 2-Methylphenol	7.05	107	488700	39.778	ng		99
18) Hexachloroethane	7.30	117	198852	31.376	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	324908	37.635	ng		98
20) 3+4-Methylphenols	7.20	107	596025	40.119	ng	#	83
22) Acetophenone	7.20	105	792806	44.814	ng		99
24) Nitrobenzene	7.37	77	541829	41.228	ng		99
25) Isophorone	7.61	82	1002188	40.001	ng		98
26) 2-Nitrophenol	7.69	139	208544	29.932	ng		95
27) 2,4-Dimethylphenol	7.73	122	523655	47.185	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	666624	40.005	ng		99
29) 2,4-Dichlorophenol	7.93	162	533589	44.861	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	585267	42.929	ng		99
31) Naphthalene	8.10	128	1626178	43.011	ng		99
32) Benzoic acid	7.82	122	231721m	30.924	ng		
33) 4-Chloroaniline	8.14	127	235402	13.758	ng		99
34) Hexachlorobutadiene	8.22	225	345106	42.722	ng		99
35) Caprolactam	8.50	113	170456m	42.128	ng		
36) 4-Chloro-3-methylphenol	8.63	107	524217	43.415	ng		98
37) 2-Methylnaphthalene	8.79	142	1128589	43.666	ng		99
38) 1-Methylnaphthalene	8.89	142	1083072	44.735	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	614428	47.161	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	159063	21.262 ng		99
43) 2,4,6-Trichlorophenol	9.07	196	388038	43.044 ng		97
44) 2,4,5-Trichlorophenol	9.11	196	423051	45.829 ng		98
46) 1,1'-Biphenyl	9.25	154	1437064	45.589 ng		99
47) 2-Chloronaphthalene	9.28	162	1121009	42.394 ng		98
48) 2-Nitroaniline	9.37	65	275268	40.993 ng		97
49) Acenaphthylene	9.70	152	1722486	43.335 ng		99
50) Dimethylphthalate	9.55	163	1537753	49.533 ng		100
51) 2,6-Dinitrotoluene	9.62	165	265729	38.928 ng	#	87
52) Acenaphthene	9.87	154	1012727	40.375 ng		99
53) 3-Nitroaniline	9.78	138	269978	34.074 ng		100
54) 2,4-Dinitrophenol	9.89	184	8853	2.936 ng		92
55) Dibenzofuran	10.04	168	1592789	44.920 ng		100
56) 4-Nitrophenol	9.95	139	432188	73.338 ng		93
57) 2,4-Dinitrotoluene	10.02	165	335873	37.638 ng		98
58) Fluorene	10.39	166	1196756	43.696 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	349686	46.037 ng		97
60) Diethylphthalate	10.26	149	1318006	44.133 ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	639107	45.460 ng		93
62) 4-Nitroaniline	10.40	138	347610	44.604 ng		95
63) Azobenzene	10.54	77	1032979	40.827 ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	10097	2.669 ng		94
66) n-Nitrosodiphenylamine	10.50	169	1112028	45.906 ng		99
67) 4-Bromophenyl-phenylether	10.87	248	402106	44.190 ng		99
68) Hexachlorobenzene	10.95	284	434402	43.668 ng		98
69) Atrazine	11.03	200	343865	Below Cal		98
70) Pentachlorophenol	11.14	266	437807	80.806 ng		99
71) Phenanthrene	11.36	178	1777978	44.092 ng		99
72) Anthracene	11.40	178	1873107	45.128 ng		100
73) Carbazole	11.56	167	1739180	46.527 ng		99
74) Di-n-butylphthalate	11.90	149	2045518	43.233 ng		99
75) Fluoranthene	12.55	202	2062324	47.629 ng		98
77) Benzidine	12.67	184	1199975	48.554 ng		97
78) Pyrene	12.79	202	2005081	38.728 ng		100
80) Butylbenzylphthalate	13.41	149	880858	37.027 ng		100
81) Benzo(a)anthracene	13.99	228	1843051	42.164 ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	721474	41.069 ng		99
83) Chrysene	14.03	228	1787196	41.642 ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1120640	39.242 ng		99
85) Di-n-octyl phthalate	14.60	149	2014675	38.065 ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	1910638	36.522 ng		95
88) Benzo(b)fluoranthene	15.05	252	2051503	41.727 ng	#	98
89) Benzo(k)fluoranthene	15.08	252	1908180	44.494 ng	#	97
90) Benzo(a)pyrene	15.42	252	1967962	43.991 ng	#	96
91) Dibenzo(a,h)anthracene	16.99	278	1610826	38.620 ng		97
92) Benzo(g,h,i)perylene	17.42	276	1453607	33.906 ng		96

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

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