Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000317.D
Acq On : 19 Sep 2019 09:22
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
9/20/2019 1:07:50 PM

Quant Time: Sep 20 04:17:24 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	214078	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	821055	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	447357	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	875390	20.00	ng		0.00
76) Chrysene-d12	14.00	240	676080	20.00	ng		0.00
87) Perylene-d12	15.48	264	823484	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1033360	83.33	ng		0.00
7) Phenol-d6	6.43	99	1262552	83.06	ng		0.00
23) Nitrobenzene-d5	7.35	82	1071529	84.20	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	454655	102.46	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2313727	93.09	ng		0.00
79) Terphenyl-d14	12.93	244	2999270	93.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	219036	39.142	ng		98
3) Pyridine	3.23	79	588774	39.083	ng		100
4) n-Nitrosodimethylamine	3.18	42	161555	38.032	ng		97
6) Aniline	6.45	93	854294	40.762	ng		96
8) 2-Chlorophenol	6.58	128	575502	43.098	ng		98
9) Benzaldehyde	6.34	77	336194	41.188	ng		96
10) Phenol	6.44	94	712483	41.255	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	528727	39.979	ng		98
12) 1,3-Dichlorobenzene	6.73	146	685619	42.787	ng		98
13) 1,4-Dichlorobenzene	6.81	146	702056	44.035	ng		99
14) 1,2-Dichlorobenzene	6.96	146	657261	45.004	ng		98
15) Benzyl Alcohol	6.93	79	471519	42.626	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	487886	38.911	ng		98
17) 2-Methylphenol	7.05	107	478743	41.859	ng		98
18) Hexachloroethane	7.31	117	249913	42.358	ng	#	89
19) n-Nitroso-di-n-propylamine	7.20	70	323681	40.275	ng		98
20) 3+4-Methylphenols	7.20	107	577035	41.723	ng	#	86
22) Acetophenone	7.20	105	769022	43.220	ng	#	97
24) Nitrobenzene	7.37	77	550393	41.640	ng		95
25) Isophorone	7.61	82	1027395	40.772	ng		99
26) 2-Nitrophenol	7.69	139	300518	42.886	ng		96
27) 2,4-Dimethylphenol	7.73	122	464726	41.635	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	688707	41.093	ng		100
29) 2,4-Dichlorophenol	7.93	162	521939	43.630	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	618080	45.076	ng		99
31) Naphthalene	8.10	128	1685044	44.313	ng		100
32) Benzoic acid	7.82	122	254056m	33.710	ng		
33) 4-Chloroaniline	8.15	127	750687	43.621	ng		97
34) Hexachlorobutadiene	8.22	225	381318	46.934	ng		100
35) Caprolactam	8.50	113	174686	42.926	ng		95
36) 4-Chloro-3-methylphenol	8.63	107	524971	43.228	ng		99
37) 2-Methylnaphthalene	8.79	142	1168091	44.936	ng		99
38) 1-Methylnaphthalene	8.89	142	1095498	44.989	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	602078	47.072	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	293903	40.015	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	393236	44.430	ng		100
44) 2,4,5-Trichlorophenol	9.11	196	405978	44.797	ng		97
46) 1,1'-Biphenyl	9.26	154	1385736	44.777	ng		98
47) 2-Chloronaphthalene	9.28	162	1142449	44.007	ng		98
48) 2-Nitroaniline	9.37	65	277139	42.038	ng		93
49) Acenaphthylene	9.70	152	1797324	46.058	ng		99
50) Dimethylphthalate	9.56	163	1447306	47.485	ng		99
51) 2,6-Dinitrotoluene	9.62	165	312324	46.604	ng		90
52) Acenaphthene	9.87	154	1094275	44.436	ng		100
53) 3-Nitroaniline	9.79	138	338145	43.470	ng		94
54) 2,4-Dinitrophenol	9.89	184	109859	37.105	ng		98
55) Dibenzofuran	10.05	168	1571760	45.150	ng		98
56) 4-Nitrophenol	9.95	139	234204	40.480	ng		95
57) 2,4-Dinitrotoluene	10.02	165	399506	45.600	ng		91
58) Fluorene	10.39	166	1189795	44.249	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	349307	46.841	ng		98
60) Diethylphthalate	10.26	149	1337263	45.610	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	651436	47.197	ng		95
62) 4-Nitroaniline	10.40	138	332236	43.422	ng		95
63) Azobenzene	10.54	77	1043449	42.007	ng		99
65) 4,6-Dinitro-2-methylphenol	10.44	198	158819	38.584	ng		91
66) n-Nitrosodiphenylamine	10.50	169	1091797	41.431	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	445367	44.991	ng		98
68) Hexachlorobenzene	10.95	284	478016	44.171	ng		98
69) Atrazine	11.03	200	256889	34.629	ng		97
70) Pentachlorophenol	11.14	266	205886	34.931	ng		99
71) Phenanthrene	11.36	178	1900804	43.330	ng		99
72) Anthracene	11.40	178	1907661	42.248	ng		99
73) Carbazole	11.56	167	1817925	44.705	ng		99
74) Di-n-butylphthalate	11.90	149	2290621	44.503	ng		99
75) Fluoranthene	12.56	202	2199393	46.691	ng		95
77) Benzidine	12.67	184	994399	41.183	ng		99
78) Pyrene	12.79	202	2224645	43.981	ng		100
80) Butylbenzylphthalate	13.41	149	986783	42.457	ng		98
81) Benzo(a)anthracene	13.99	228	1818487	42.581	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	738498	43.028	ng		99
83) Chrysene	14.02	228	1771479	42.247	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1202539	43.101	ng		99
85) Di-n-octyl phthalate	14.60	149	2108050	40.766	ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2223917	43.511	ng		95
88) Benzo(b)fluoranthene	15.05	252	2103028	42.809	ng	#	97
89) Benzo(k)fluoranthene	15.08	252	1889329	44.089	ng	#	97
90) Benzo(a)pyrene	15.42	252	1884365	42.155	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	1794513	43.059	ng		97
92) Benzo(g,h,i)perylene	17.42	276	1785411	41.678	ng		97

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

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