Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092519\
Data File : BP000406.D
Acq On : 25 Sep 2019 13:40
Operator : JU
Sample : PB123345BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123345BS

Manual Integrations APPROVED
mohammad
9/26/2019 3:54:24 PM

Quant Time: Sep 25 23:41:02 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	206547	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	792973	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	432906	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	793607	20.00	ng		0.00
76) Chrysene-d12	14.00	240	442021	20.00	ng		0.00
87) Perylene-d12	15.49	264	483885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1379359	115.29	ng		0.01
7) Phenol-d6	6.43	99	1662019	113.33	ng		0.00
23) Nitrobenzene-d5	7.35	82	889152	72.35	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	506876	118.05	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1920851	79.86	ng		0.00
79) Terphenyl-d14	12.93	244	1585553	75.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	221543	41.033	ng		99
3) Pyridine	3.28	79	532444	36.632	ng		99
4) n-Nitrosodimethylamine	3.20	42	173872	42.424	ng		98
6) Aniline	6.45	93	676505	33.456	ng	#	88
8) 2-Chlorophenol	6.58	128	578845	44.929	ng		99
9) Benzaldehyde	6.33	77	301787	37.785	ng		98
10) Phenol	6.44	94	724333	43.470	ng		87
11) bis(2-Chloroethyl)ether	6.52	93	538057	42.168	ng		98
12) 1,3-Dichlorobenzene	6.73	146	647800	41.901	ng		99
13) 1,4-Dichlorobenzene	6.80	146	657626	42.752	ng		98
14) 1,2-Dichlorobenzene	6.96	146	614177	43.587	ng		100
15) Benzyl Alcohol	6.93	79	458993	43.006	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	487761	40.320	ng		99
17) 2-Methylphenol	7.05	107	475443	43.086	ng		99
18) Hexachloroethane	7.30	117	231762	40.714	ng		91
19) n-Nitroso-di-n-propylamine	7.20	70	323768	41.755	ng		99
20) 3+4-Methylphenols	7.20	107	587945	44.062	ng	#	86
22) Acetophenone	7.19	105	776844	45.206	ng		99
24) Nitrobenzene	7.36	77	548799	42.990	ng		96
25) Isophorone	7.60	82	1010299	41.513	ng		99
26) 2-Nitrophenol	7.69	139	299935	44.319	ng		98
27) 2,4-Dimethylphenol	7.73	122	512713	47.561	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	674489	41.670	ng		99
29) 2,4-Dichlorophenol	7.93	162	510639	44.197	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	555528	41.949	ng		99
31) Naphthalene	8.09	128	1651214	44.961	ng		99
32) Benzoic acid	7.83	122	287229	39.461	ng		98
33) 4-Chloroaniline	8.14	127	458280	27.573	ng		98
34) Hexachlorobutadiene	8.22	225	321353	40.954	ng		99
35) Caprolactam	8.49	113	167502m	42.618	ng		
36) 4-Chloro-3-methylphenol	8.63	107	514037	43.827	ng		100
37) 2-Methylnaphthalene	8.79	142	1123631	44.756	ng		99
38) 1-Methylnaphthalene	8.89	142	1038821	44.172	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	556290	44.944	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	512495	72.105	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	370929	43.309	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	399414	45.544	ng		98
46) 1,1'-Biphenyl	9.25	154	1360980	45.445	ng		99
47) 2-Chloronaphthalene	9.28	162	1071140	42.638	ng		99
48) 2-Nitroaniline	9.37	65	263230	41.261	ng		97
49) Acenaphthylene	9.69	152	1706253	45.184	ng		100
50) Dimethylphthalate	9.55	163	1260825	42.748	ng		100
51) 2,6-Dinitrotoluene	9.61	165	291009	44.873	ng		98
52) Acenaphthene	9.87	154	1013869	42.545	ng		99
53) 3-Nitroaniline	9.78	138	225847	30.003	ng		99
54) 2,4-Dinitrophenol	9.89	184	226697	79.123	ng		100
55) Dibenzofuran	10.04	168	1515066	44.974	ng		100
56) 4-Nitrophenol	9.96	139	462025	82.522	ng		91
57) 2,4-Dinitrotoluene	10.02	165	388397	45.812	ng		96
58) Fluorene	10.39	166	1169203	44.935	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	322317	44.665	ng		99
60) Diethylphthalate	10.26	149	1235923	43.560	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	600550	44.963	ng		93
62) 4-Nitroaniline	10.40	138	317407	42.869	ng		97
63) Azobenzene	10.54	77	1059396	44.072	ng		99
65) 4,6-Dinitro-2-methylphenol	10.43	198	170163	45.601	ng		95
66) n-Nitrosodiphenylamine	10.50	169	1063987	44.536	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	373895	41.663	ng		97
68) Hexachlorobenzene	10.95	284	407395	41.524	ng		100
70) Pentachlorophenol	11.14	266	430496	80.566	ng		99
71) Phenanthrene	11.36	178	1758280	44.212	ng		100
72) Anthracene	11.41	178	1775602	43.375	ng		100
73) Carbazole	11.56	167	1635443	44.363	ng		99
74) Di-n-butylphthalate	11.90	149	1802869	38.636	ng		100
75) Fluoranthene	12.56	202	1290767	30.226	ng		95
77) Benzidine	12.67	184	571676	36.213	ng		99
78) Pyrene	12.79	202	1322595	39.993	ng		99
80) Butylbenzylphthalate	13.42	149	550341	36.217	ng		96
81) Benzo(a)anthracene	13.99	228	1190550	42.639	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	391834	34.919	ng		99
83) Chrysene	14.03	228	1173977	42.823	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	736538	40.378	ng		99
85) Di-n-octyl phthalate	14.61	149	1326912	39.248	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1421594	42.542	ng	#	93
88) Benzo(b)fluoranthene	15.06	252	1239655	42.944	ng	#	97
89) Benzo(k)fluoranthene	15.09	252	1252875	49.756	ng	#	97
90) Benzo(a)pyrene	15.43	252	1221773	46.515	ng	#	96
91) Dibenzo(a,h)anthracene	17.00	278	1184397	48.364	ng	#	95
92) Benzo(g,h,i)perylene	17.43	276	1176803	46.751	ng	#	94

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

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