Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000847.D
Acq On : 17 Oct 2019 19:13
Operator : JU
Sample : PB124051BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB124051BS

Manual Integrations APPROVED
mohammad
10/20/2019 8:16:13 PM

Quant Time: Oct 18 06:45:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168651	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	650851	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	362695	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	680113	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	552795	20.00	ng		0.00
87) Perylene-d12	15.46	264	516301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1073805	102.35	ng		-0.02
7) Phenol-d6	6.39	99	1287286	101.82	ng		-0.02
23) Nitrobenzene-d5	7.31	82	616548	57.86	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	433232	112.09	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	1460259	65.14	ng		-0.02
79) Terphenyl-d14	12.90	244	1783802	65.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	150832	36.000	ng		98
3) Pyridine	3.22	79	346812	30.296	ng		99
4) n-Nitrosodimethylamine	3.15	42	117431	36.455	ng		99
6) Aniline	6.41	93	427182	27.812	ng	#	57
8) 2-Chlorophenol	6.54	128	426280	41.168	ng		97
9) Benzaldehyde	6.30	77	229949	34.917	ng		94
10) Phenol	6.40	94	506210	39.105	ng		89
11) bis(2-Chloroethyl)ether	6.48	93	396358	39.798	ng		99
12) 1,3-Dichlorobenzene	6.69	146	484146	38.571	ng		98
13) 1,4-Dichlorobenzene	6.76	146	494489	39.151	ng		99
14) 1,2-Dichlorobenzene	6.92	146	460732	39.510	ng		99
15) Benzyl Alcohol	6.89	79	319493	39.129	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	332377	36.181	ng		95
17) 2-Methylphenol	7.01	107	351950	41.128	ng		96
18) Hexachloroethane	7.26	117	169392	37.683	ng		94
19) n-Nitroso-di-n-propylamine	7.16	70	234170	40.182	ng		98
20) 3+4-Methylphenols	7.16	107	438185	43.760	ng	#	80
22) Acetophenone	7.16	105	574961	38.232	ng	#	96
24) Nitrobenzene	7.33	77	393956	38.331	ng		98
25) Isophorone	7.57	82	734672	38.844	ng		98
26) 2-Nitrophenol	7.65	139	225587	41.737	ng		94
27) 2,4-Dimethylphenol	7.69	122	365441	44.108	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	483374	37.608	ng		99
29) 2,4-Dichlorophenol	7.90	162	385283	41.128	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	428866	38.981	ng		98
31) Naphthalene	8.06	128	1235069	40.631	ng		99
32) Benzoic acid	7.82	122	174165	33.292	ng		96
33) 4-Chloroaniline	8.10	127	354860	26.588	ng		99
34) Hexachlorobutadiene	8.18	225	257079	38.665	ng		99
35) Caprolactam	8.46	113	120113m	38.281	ng		
36) 4-Chloro-3-methylphenol	8.60	107	372847	40.636	ng		99
37) 2-Methylnaphthalene	8.75	142	856674	41.982	ng		99
38) 1-Methylnaphthalene	8.85	142	810484	42.035	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	442835	38.575	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	177369	42.376	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	272432	38.551	ng	97
44) 2,4,5-Trichlorophenol	9.08	196	291553	39.959	ng	99
46) 1,1'-Biphenyl	9.22	154	1059181	38.689	ng	97
47) 2-Chloronaphthalene	9.24	162	821107	38.787	ng	97
48) 2-Nitroaniline	9.34	65	187255	36.536	ng	89
49) Acenaphthylene	9.66	152	1281261	40.116	ng	99
50) Dimethylphthalate	9.52	163	984172	39.052	ng	100
51) 2,6-Dinitrotoluene	9.58	165	220044	40.039	ng	95
52) Acenaphthene	9.83	154	740000	38.195	ng	99
53) 3-Nitroaniline	9.75	138	162931	25.873	ng	93
54) 2,4-Dinitrophenol	9.87	184	144311	78.692	ng	93
55) Dibenzofuran	10.00	168	1162123	40.127	ng	100
56) 4-Nitrophenol	9.93	139	270772	67.349	ng	99
57) 2,4-Dinitrotoluene	9.99	165	286884	39.370	ng	99
58) Fluorene	10.35	166	889706	43.104	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.13	232	250147	40.557	ng	95
60) Diethylphthalate	10.23	149	937345	39.181	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	475153	42.809	ng	99
62) 4-Nitroaniline	10.37	138	215838	35.638	ng	98
63) Azobenzene	10.50	77	752612	40.976	ng	99
65) 4,6-Dinitro-2-methylphenol	10.41	198	123945	41.111	ng	90
66) n-Nitrosodiphenylamine	10.46	169	802098	40.493	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	302442	39.505	ng	97
68) Hexachlorobenzene	10.91	284	334314	38.427	ng	97
69) Atrazine	11.00	200	284960	43.837	ng	99
70) Pentachlorophenol	11.11	266	242425	69.378	ng	97
71) Phenanthrene	11.32	178	1367221	40.028	ng	99
72) Anthracene	11.38	178	1398585	41.296	ng	99
73) Carbazole	11.53	167	1236032	39.371	ng	98
74) Di-n-butylphthalate	11.87	149	1499313	39.203	ng	99
75) Fluoranthene	12.53	202	1515005	39.492	ng	99
77) Benzidine	12.65	184	483382	30.197	ng	99
78) Pyrene	12.76	202	1539619	40.382	ng	100
80) Butylbenzylphthalate	13.39	149	634568	38.195	ng	98
81) Benzo(a)anthracene	13.97	228	1344656	39.867	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	498621	37.218	ng	97
83) Chrysene	14.00	228	1322841	39.960	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	857659	41.047	ng	99
85) Di-n-octyl phthalate	14.58	149	1560517	41.204	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1593530	38.536	ng	99
88) Benzo(b)fluoranthene	15.03	252	1491182	50.909	ng	98
89) Benzo(k)fluoranthene	15.06	252	1297229	46.518	ng	98
90) Benzo(a)pyrene	15.40	252	1294460	47.408	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	1328700	50.173	ng	98
92) Benzo(g,h,i)perylene	17.39	276	1349334	50.143	ng	97

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

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