Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000849.D
Acq On : 17 Oct 2019 21:01
Operator : JU
Sample : PB124013BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB124013BS

Manual Integrations APPROVED
mohammad
10/20/2019 8:16:19 PM

Quant Time: Oct 18 06:53:06 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	172605	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	659826	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	373049	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	703679	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	559412	20.00	ng		0.00
87) Perylene-d12	15.45	264	519406	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1092017	101.70	ng		-0.02
7) Phenol-d6	6.39	99	1313830	101.54	ng		-0.02
23) Nitrobenzene-d5	7.31	82	639652	59.21	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	453732	114.14	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	1493965	64.80	ng		-0.02
79) Terphenyl-d14	12.90	244	1799921	65.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	148857	34.715	ng		99
3) Pyridine	3.22	79	348440	29.741	ng		98
4) n-Nitrosodimethylamine	3.15	42	118325	35.891	ng		97
6) Aniline	6.41	93	439819	27.978	ng	#	58
8) 2-Chlorophenol	6.54	128	436075	41.149	ng		97
9) Benzaldehyde	6.29	77	231691	34.375	ng		99
10) Phenol	6.40	94	510455	38.529	ng		88
11) bis(2-Chloroethyl)ether	6.48	93	394928	38.746	ng		100
12) 1,3-Dichlorobenzene	6.69	146	493228	38.395	ng		98
13) 1,4-Dichlorobenzene	6.76	146	502537	38.876	ng		99
14) 1,2-Dichlorobenzene	6.92	146	468297	39.238	ng		99
15) Benzyl Alcohol	6.89	79	321930	38.524	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	338594	36.013	ng		93
17) 2-Methylphenol	7.01	107	361011	41.220	ng		97
18) Hexachloroethane	7.26	117	171647	37.310	ng		92
19) n-Nitroso-di-n-propylamine	7.16	70	239460	40.149	ng		98
20) 3+4-Methylphenols	7.16	107	447743	43.690	ng	#	77
22) Acetophenone	7.16	105	585725	38.418	ng	#	97
24) Nitrobenzene	7.33	77	403362	38.712	ng		98
25) Isophorone	7.57	82	756249	39.441	ng		99
26) 2-Nitrophenol	7.65	139	234938	42.876	ng		95
27) 2,4-Dimethylphenol	7.69	122	379020	45.125	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	496625	38.113	ng		99
29) 2,4-Dichlorophenol	7.90	162	397391	41.843	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	441020	39.540	ng		100
31) Naphthalene	8.05	128	1258750	40.847	ng		99
32) Benzoic acid	7.82	122	184043	34.701	ng		97
33) 4-Chloroaniline	8.10	127	330690	24.440	ng		99
34) Hexachlorobutadiene	8.18	225	262594	38.957	ng		98
35) Caprolactam	8.46	113	125711m	39.520	ng		
36) 4-Chloro-3-methylphenol	8.60	107	386776	41.581	ng		99
37) 2-Methylnaphthalene	8.75	142	891551	43.097	ng		99
38) 1-Methylnaphthalene	8.85	142	821690	42.037	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	458920	38.867	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	191968	44.209	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	273637	37.647	ng	99
44) 2,4,5-Trichlorophenol	9.08	196	303974	40.505	ng	99
46) 1,1'-Biphenyl	9.22	154	1079294	38.329	ng	97
47) 2-Chloronaphthalene	9.24	162	848914	38.987	ng	97
48) 2-Nitroaniline	9.34	65	195338	37.055	ng	89
49) Acenaphthylene	9.66	152	1317133	40.095	ng	99
50) Dimethylphthalate	9.52	163	1016317	39.208	ng	100
51) 2,6-Dinitrotoluene	9.58	165	230439	40.766	ng	95
52) Acenaphthene	9.83	154	754714	37.874	ng	99
53) 3-Nitroaniline	9.75	138	170986	26.399	ng	94
54) 2,4-Dinitrophenol	9.87	184	154184	81.742	ng	94
55) Dibenzofuran	10.00	168	1207322	40.531	ng	100
56) 4-Nitrophenol	9.93	139	274091	66.283	ng	99
57) 2,4-Dinitrotoluene	9.99	165	295627	39.444	ng	98
58) Fluorene	10.35	166	915562	43.126	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	251630	39.665	ng	97
60) Diethylphthalate	10.23	149	966012	39.259	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	488486	42.788	ng	98
62) 4-Nitroaniline	10.37	138	222558	35.727	ng	97
63) Azobenzene	10.50	77	776466	41.101	ng	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	133269	42.723	ng	88
66) n-Nitrosodiphenylamine	10.46	169	829440	40.471	ng	98
67) 4-Bromophenyl-phenylether	10.84	248	311322	39.303	ng	99
68) Hexachlorobenzene	10.91	284	346909	38.539	ng	99
69) Atrazine	11.00	200	294580	43.799	ng	99
70) Pentachlorophenol	11.11	266	242710	67.133	ng	97
71) Phenanthrene	11.32	178	1403274	39.707	ng	100
72) Anthracene	11.38	178	1424232	40.645	ng	100
73) Carbazole	11.53	167	1270240	39.105	ng	98
74) Di-n-butylphthalate	11.87	149	1549471	39.158	ng	100
75) Fluoranthene	12.53	202	1549002	39.026	ng	99
77) Benzidine	12.65	184	511520	31.577	ng	100
78) Pyrene	12.76	202	1557982	40.381	ng	100
80) Butylbenzylphthalate	13.39	149	658382	39.160	ng	99
81) Benzo(a)anthracene	13.97	228	1363640	39.952	ng	97
82) 3,3'-Dichlorobenzidine	13.93	252	513796	37.897	ng	97
83) Chrysene	14.00	228	1324831	39.547	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	880720	41.652	ng	99
85) Di-n-octyl phthalate	14.58	149	1598435	41.706	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1602259	38.289	ng	98
88) Benzo(b)fluoranthene	15.03	252	1403098	47.616	ng	97
89) Benzo(k)fluoranthene	15.06	252	1414539	50.422	ng	99
90) Benzo(a)pyrene	15.39	252	1304023	47.472	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	1343626	50.434	ng	98
92) Benzo(g,h,i)perylene	17.38	276	1332140	49.208	ng	98

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

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