Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020737.D
Acq On : 05 Jun 2019 15:32
Operator : HP/JU
Sample : PB120038BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:43 AM

Quant Time: Jun 06 02:31:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	336630	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1355226	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	747275	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1434230	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1096348	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1196417	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2732705	142.80	ng	0.00
7) Phenol-d6	6.99	99	3618460	128.41	ng	0.00
23) Nitrobenzene-d5	8.99	82	2144516	81.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1294233	139.79	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4977040	88.54	ng	-0.01
79) Terphenyl-d14	19.83	244	5483303	83.66	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	304665	38.885	ng	95
3) Pyridine	3.74	79	884567	35.484	ng	97
4) n-Nitrosodimethylamine	3.66	42	399170	37.146	ng	90
6) Aniline	7.16	93	1238581	30.378	ng	99
8) 2-Chlorophenol	7.39	128	1069977	44.944	ng	99
9) Benzaldehyde	6.97	77	311966	15.339	ng	94
10) Phenol	7.02	94	1317512	43.387	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	948932	39.211	ng	96
12) 1,3-Dichlorobenzene	7.71	146	1081185	39.515	ng	98
13) 1,4-Dichlorobenzene	7.86	146	1104709	39.716	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1063987	39.306	ng	99
15) Benzyl Alcohol	8.06	79	950660	38.136	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1281648	34.302	ng	99
17) 2-Methylphenol	8.26	107	878997	41.164	ng	98
18) Hexachloroethane	8.89	117	402238	37.770	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	793017	35.010	ng	95
20) 3+4-Methylphenols	8.59	107	1170035	40.273	ng	97
22) Acetophenone	8.65	105	1481540	43.034	ng	97
24) Nitrobenzene	9.03	77	1157067	43.332	ng	97
25) Isophorone	9.55	82	2099821	40.358	ng	99
26) 2-Nitrophenol	9.73	139	513737	51.622	ng	98
27) 2,4-Dimethylphenol	9.79	122	946852	50.774	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1288309	40.952	ng	100
29) 2,4-Dichlorophenol	10.26	162	994997	48.226	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	1054900	44.466	ng	99
31) Naphthalene	10.66	128	3048462	43.743	ng	99
32) Benzoic acid	9.93	122	535492m	45.876	ng	
33) 4-Chloroaniline	10.77	127	487765	15.039	ng	98
34) Hexachlorobutadiene	10.94	225	613693	43.113	ng	99
35) Caprolactam	11.57	113	279350m	38.974	ng	
36) 4-Chloro-3-methylphenol	11.90	107	1012605	42.213	ng	97
37) 2-Methylnaphthalene	12.27	142	2239958	43.363	ng	99
38) 1-Methylnaphthalene	12.50	142	2140500	43.518	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1176215	48.030	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1476661	100.822	ng		99
43) 2,4,6-Trichlorophenol	12.89	196	757122	48.031	ng		97
44) 2,4,5-Trichlorophenol	12.95	196	797079	48.980	ng		97
46) 1,1'-Biphenyl	13.29	154	2832246	45.381	ng		99
47) 2-Chloronaphthalene	13.33	162	2183924	43.357	ng		99
48) 2-Nitroaniline	13.55	65	612837	38.764	ng		89
49) Acenaphthylene	14.18	152	3458916	44.010	ng		100
50) Dimethylphthalate	13.92	163	2638104	41.321	ng		99
51) 2,6-Dinitrotoluene	14.05	165	571681	44.099	ng	#	85
52) Acenaphthene	14.52	154	2008537	42.884	ng		99
53) 3-Nitroaniline	14.37	138	346487	23.946	ng		94
54) 2,4-Dinitrophenol	14.57	184	473187	84.407	ng		92
55) Dibenzofuran	14.86	168	3117318	42.854	ng		98
56) 4-Nitrophenol	14.67	139	865243	81.148	ng		91
57) 2,4-Dinitrotoluene	14.83	165	744346	42.883	ng		92
58) Fluorene	15.51	166	2491763	41.654	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	673488	47.494	ng		96
60) Diethylphthalate	15.29	149	2549912	38.726	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	1326330	41.875	ng		94
62) 4-Nitroaniline	15.54	138	517956	33.753	ng		93
63) Azobenzene	15.80	77	2383750	37.762	ng		96
65) 4,6-Dinitro-2-methylphenol	15.59	198	294712	45.682	ng		93
66) n-Nitrosodiphenylamine	15.72	169	2126990	46.327	ng		100
67) 4-Bromophenyl-phenylether	16.40	248	773534	45.808	ng		94
68) Hexachlorobenzene	16.50	284	878907	44.572	ng		95
69) Atrazine	16.67	200	674924	49.254	ng		99
70) Pentachlorophenol	16.85	266	985390	104.750	ng		99
71) Phenanthrene	17.24	178	3506759	43.135	ng		99
72) Anthracene	17.34	178	3591595	44.140	ng		99
73) Carbazole	17.61	167	3011687	40.787	ng		99
74) Di-n-butylphthalate	18.17	149	3776061	39.395	ng		100
75) Fluoranthene	19.26	202	3631406	40.167	ng		99
77) Benzidine	19.45	184	1458349	43.899	ng		100
78) Pyrene	19.62	202	3619176	43.018	ng		100
80) Butylbenzylphthalate	20.52	149	1425420	40.091	ng		96
81) Benzo(a)anthracene	21.37	228	3210936	42.056	ng		99
82) 3,3'-Dichlorobenzidine	21.30	252	956551	34.214	ng		99
83) Chrysene	21.42	228	3160004	43.542	ng		100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1957830	37.888	ng		99
85) Di-n-octyl phthalate	22.19	149	3121373	38.047	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4210154	56.705	ng		98
88) Benzo(b)fluoranthene	22.98	252	3421792	43.272	ng		99
89) Benzo(k)fluoranthene	23.03	252	3275963	42.392	ng		99
90) Benzo(a)pyrene	23.57	252	3321394	46.307	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	3542281	50.905	ng		99
92) Benzo(g,h,i)perylene	26.70	276	3436986	53.175	ng		98

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

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