Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
Data File : BM017673.D
Acq On : 16 Nov 2018 10:42
Operator : MJ/SJ
Sample : PB114851BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB114851BS

Manual Integrations APPROVED
Sohil
11/19/2018 3:07:47 PM

Quant Time: Nov 19 10:00:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	222732	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	938600	20.00	ng		0.00
39) Acenaphthene-d10	14.26	164	563805	20.00	ng		0.00
64) Phenanthrene-d10	17.01	188	1304000	20.00	ng		0.00
76) Chrysene-d12	21.21	240	1410953	20.00	ng		0.00
87) Perylene-d12	23.40	264	1212943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1428513	108.24	ng		0.00
7) Phenol-d6	6.80	99	1962855	106.49	ng		0.00
23) Nitrobenzene-d5	8.76	82	1210009	66.55	ng		-0.01
42) 2,4,6-Tribromophenol	15.76	330	866963	107.02	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	2935110	67.54	ng		0.00
79) Terphenyl-d14	19.66	244	4648080	74.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	144452	26.280	ng		96
3) Pyridine	3.61	79	438697	27.209	ng		95
4) n-Nitrosodimethylamine	3.53	42	234724	33.049	ng		96
6) Aniline	6.96	93	397226	17.378	ng		99
8) 2-Chlorophenol	7.18	128	548602	34.733	ng		99
9) Benzaldehyde	6.77	77	308621	22.984	ng		99
10) Phenol	6.83	94	683499	35.328	ng		99
11) bis(2-Chloroethyl)ether	7.05	93	469004	30.707	ng		98
12) 1,3-Dichlorobenzene	7.50	146	536030	30.249	ng		98
13) 1,4-Dichlorobenzene	7.65	146	557215	30.677	ng		98
14) 1,2-Dichlorobenzene	7.96	146	537612	30.525	ng		99
15) Benzyl Alcohol	7.86	79	482955	32.900	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.13	45	641733	27.596	ng		96
17) 2-Methylphenol	8.06	107	457055	35.068	ng		99
18) Hexachloroethane	8.67	117	199338	31.138	ng		99
19) n-Nitroso-di-n-propylamine	8.42	70	410075	30.984	ng		97
20) 3+4-Methylphenols	8.39	107	630152	34.798	ng		99
22) Acetophenone	8.43	105	788756	33.670	ng	#	98
24) Nitrobenzene	8.80	77	609160	33.023	ng		99
25) Isophorone	9.33	82	1074108	38.250	ng		99
26) 2-Nitrophenol	9.51	139	288642	33.971	ng		99
27) 2,4-Dimethylphenol	9.57	122	504646	41.211	ng		99
28) bis(2-Chloroethoxy)methane	9.81	93	684172	35.973	ng		99
29) 2,4-Dichlorophenol	10.04	162	532736	37.478	ng		100
30) 1,2,4-Trichlorobenzene	10.25	180	541472	32.752	ng		96
31) Naphthalene	10.43	128	1644725	35.640	ng		99
32) Benzoic acid	9.73	122	321503m	28.984	ng		
33) 4-Chloroaniline	10.56	127	167443	8.285	ng		96
34) Hexachlorobutadiene	10.70	225	316695	30.856	ng		99
35) Caprolactam	11.35	113	169734m	32.424	ng		
36) 4-Chloro-3-methylphenol	11.69	107	600467	36.588	ng		99
37) 2-Methylnaphthalene	12.05	142	1229676	37.702	ng		99
38) 1-Methylnaphthalene	12.27	142	1184387	37.035	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	645400	32.463	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	803219	78.185	ng		99
43) 2,4,6-Trichlorophenol	12.67	196	445048	35.738	ng		97
44) 2,4,5-Trichlorophenol	12.75	196	475171	36.138	ng		98
46) 1,1'-Biphenyl	13.08	154	1614784	31.908	ng		99
47) 2-Chloronaphthalene	13.12	162	1251716	33.323	ng		99
48) 2-Nitroaniline	13.34	65	399812	34.417	ng		100
49) Acenaphthylene	13.97	152	2070638	36.689	ng		100
50) Dimethylphthalate	13.73	163	1617269	35.281	ng		99
51) 2,6-Dinitrotoluene	13.85	165	362044	35.469	ng		97
52) Acenaphthene	14.32	154	1197556	34.576	ng		99
53) 3-Nitroaniline	14.18	138	179603	16.161	ng		94
54) 2,4-Dinitrophenol	14.39	184	391200	64.309	ng		98
55) Dibenzofuran	14.66	168	1978094	34.948	ng		98
56) 4-Nitrophenol	14.50	139	612582	66.472	ng		98
57) 2,4-Dinitrotoluene	14.65	165	516983	37.573	ng	#	99
58) Fluorene	15.31	166	1612751	37.219	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	455936	37.700	ng		99
60) Diethylphthalate	15.10	149	1653583	33.386	ng		99
61) 4-Chlorophenyl-phenylether	15.31	204	820088	33.311	ng		98
62) 4-Nitroaniline	15.35	138	344122	32.856	ng		96
63) Azobenzene	15.60	77	1593878	34.812	ng		99
65) 4,6-Dinitro-2-methylphenol	15.41	198	281917	31.208	ng		97
66) n-Nitrosodiphenylamine	15.53	169	1422318	33.925	ng		99
67) 4-Bromophenyl-phenylether	16.21	248	510356	33.092	ng		99
68) Hexachlorobenzene	16.32	284	573837	33.006	ng		95
69) Atrazine	16.49	200	521203	33.800	ng		96
70) Pentachlorophenol	16.66	266	710165	58.297	ng		99
71) Phenanthrene	17.06	178	2588951	36.589	ng		99
72) Anthracene	17.14	178	2639655	38.337	ng		99
73) Carbazole	17.42	167	2400832	34.507	ng		99
74) Di-n-butylphthalate	17.99	149	2846103	36.747	ng		99
75) Fluoranthene	19.08	202	3024548	37.778	ng		99
77) Benzidine	19.28	184	874711	19.038	ng		99
78) Pyrene	19.44	202	3138930	36.056	ng		99
80) Butylbenzylphthalate	20.36	149	1312216	37.111	ng		99
81) Benzo(a)anthracene	21.20	228	3017855	37.126	ng		100
82) 3,3'-Dichlorobenzidine	21.14	252	557137	17.759	ng		99
83) Chrysene	21.25	228	2859709	36.221	ng		99
84) Bis(2-ethylhexyl)phthalate	21.14	149	1851078	35.412	ng		100
85) Di-n-octyl phthalate	22.00	149	3161939	37.776	ng		99
86) Indeno(1,2,3-cd)pyrene	25.59	276	2516417	39.886	ng		99
88) Benzo(b)fluoranthene	22.75	252	2807610	39.525	ng		100
89) Benzo(k)fluoranthene	22.79	252	2612145	36.383	ng		99
90) Benzo(a)pyrene	23.31	252	2509077	38.739	ng		100
91) Dibenzo(a,h)anthracene	25.60	278	2122567	38.981	ng		99
92) Benzo(g,h,i)perylene	26.26	276	2043349	39.906	ng		99

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

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