Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
Data File : BM018553.D
Acq On : 14 Jan 2019 16:11
Operator : JU/SJ
Sample : PB116347BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116347BS

Manual Integrations APPROVED
Sohil
1/15/2019 12:20:06 PM

Quant Time: Jan 14 23:36:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	244444	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	1010443	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	598388	20.00	ng		0.00
64) Phenanthrene-d10	17.15	188	1404431	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1566745	20.00	ng		0.00
87) Perylene-d12	23.63	264	1660839	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1990525	150.36	ng		0.00
7) Phenol-d6	6.94	99	2559867	152.24	ng		0.00
23) Nitrobenzene-d5	8.92	82	1380337	79.19	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1173482	154.02	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	3536298	77.11	ng		0.00
79) Terphenyl-d14	19.79	244	6025307	81.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	170458	31.592	ng		95
3) Pyridine	3.68	79	481197	35.771	ng		97
4) n-Nitrosodimethylamine	3.60	42	257454	46.283	ng	#	93
6) Aniline	7.09	93	622185	33.172	ng		98
8) 2-Chlorophenol	7.32	128	691463	44.722	ng		95
9) Benzaldehyde	6.90	77	182557	16.034	ng		97
10) Phenol	6.96	94	763382	44.679	ng		98
11) bis(2-Chloroethyl)ether	7.19	93	536659	39.974	ng		94
12) 1,3-Dichlorobenzene	7.64	146	699365	37.982	ng		98
13) 1,4-Dichlorobenzene	7.79	146	719130	38.534	ng		100
14) 1,2-Dichlorobenzene	8.10	146	682569	38.572	ng		100
15) Benzyl Alcohol	8.00	79	556120	45.793	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.28	45	657000	38.294	ng		95
17) 2-Methylphenol	8.20	107	541912	46.725	ng		98
18) Hexachloroethane	8.82	117	259195	38.953	ng		96
19) n-Nitroso-di-n-propylamine	8.56	70	437463	39.979	ng		93
20) 3+4-Methylphenols	8.53	107	740438	46.247	ng		99
22) Acetophenone	8.58	105	903555	36.148	ng		98
24) Nitrobenzene	8.96	77	656460	38.277	ng		98
25) Isophorone	9.48	82	1207514	45.749	ng		99
26) 2-Nitrophenol	9.67	139	376017	45.343	ng		95
27) 2,4-Dimethylphenol	9.73	122	625617	50.332	ng		100
28) bis(2-Chloroethoxy)methane	9.96	93	748020	41.024	ng		99
29) 2,4-Dichlorophenol	10.20	162	670312	45.289	ng		99
30) 1,2,4-Trichlorobenzene	10.41	180	681811	37.113	ng		99
31) Naphthalene	10.60	128	1993347	40.962	ng		99
32) Benzoic acid	9.87	122	345513m	42.195	ng		
33) 4-Chloroaniline	10.72	127	325293	16.973	ng		98
34) Hexachlorobutadiene	10.86	225	408214	35.173	ng		98
35) Caprolactam	11.55	113	218651m	43.451	ng		
36) 4-Chloro-3-methylphenol	11.85	107	706106	45.473	ng		99
37) 2-Methylnaphthalene	12.21	142	1492758	43.417	ng		99
38) 1-Methylnaphthalene	12.43	142	1418226	42.631	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	771970	36.892	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	1026714	89.400	ng		100
43) 2,4,6-Trichlorophenol	12.83	196	558997	43.991	ng		99
44) 2,4,5-Trichlorophenol	12.90	196	606371	45.373	ng		97
46) 1,1'-Biphenyl	13.23	154	1925287	36.849	ng		99
47) 2-Chloronaphthalene	13.27	162	1496865	36.945	ng		100
48) 2-Nitroaniline	13.49	65	427847	42.922	ng		93
49) Acenaphthylene	14.13	152	2465867	41.762	ng		99
50) Dimethylphthalate	13.87	163	1967168	40.029	ng		99
51) 2,6-Dinitrotoluene	13.99	165	437044	41.984	ng		95
52) Acenaphthene	14.47	154	1410849	39.052	ng		97
53) 3-Nitroaniline	14.33	138	325641	31.029	ng		96
54) 2,4-Dinitrophenol	14.53	184	393525	70.747	ng	#	88
55) Dibenzofuran	14.80	168	2288669	38.341	ng		98
56) 4-Nitrophenol	14.65	139	808783	89.206	ng		96
57) 2,4-Dinitrotoluene	14.78	165	628713	42.686	ng		98
58) Fluorene	15.46	166	1889884	42.501	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	536542	45.294	ng		98
60) Diethylphthalate	15.23	149	2035751	41.034	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	958378	37.395	ng		98
62) 4-Nitroaniline	15.50	138	423158	36.966	ng		98
63) Azobenzene	15.74	77	1595016	39.433	ng		96
65) 4,6-Dinitro-2-methylphenol	15.54	198	306525	35.788	ng		89
66) n-Nitrosodiphenylamine	15.67	169	1683283	38.639	ng		98
67) 4-Bromophenyl-phenylether	16.34	248	596726	37.968	ng		98
68) Hexachlorobenzene	16.45	284	649587	36.920	ng		97
69) Atrazine	16.63	200	647289	41.099	ng		99
70) Pentachlorophenol	16.80	266	844062	73.251	ng		99
71) Phenanthrene	17.20	178	3027335	40.526	ng		100
72) Anthracene	17.29	178	3112300	43.327	ng		100
73) Carbazole	17.56	167	2806504	38.028	ng		100
74) Di-n-butylphthalate	18.12	149	3565557	44.106	ng		99
75) Fluoranthene	19.22	202	3627706	42.121	ng		98
77) Benzidine	19.41	184	739437	19.114	ng		98
78) Pyrene	19.58	202	3679719	39.623	ng		99
80) Butylbenzylphthalate	20.48	149	1794075	45.273	ng		98
81) Benzo(a)anthracene	21.33	228	3828427	41.478	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	1016249	29.117	ng		99
83) Chrysene	21.39	228	3564028	39.987	ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2527897	44.176	ng		99
85) Di-n-octyl phthalate	22.14	149	4478448	46.532	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.96	276	4428072	43.085	ng		96
88) Benzo(b)fluoranthene	22.94	252	3807413	40.380	ng		98
89) Benzo(k)fluoranthene	22.99	252	3818699	40.187	ng		98
90) Benzo(a)pyrene	23.53	252	3812546	42.236	ng		98
91) Dibenzo(a,h)anthracene	25.97	278	3712087	40.585	ng		98
92) Benzo(g,h,i)perylene	26.67	276	3598762	40.432	ng		98

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

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