Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019004.D
Acq On : 04 Mar 2019 11:52
Operator : JU/SJ
Sample : PB117506BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117506BS

Manual Integrations APPROVED
Sohil
3/5/2019 5:23:38 PM

Quant Time: Mar 05 03:42:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	259392	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	1058570	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	576753	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	1153275	20.00	ng		0.00
76) Chrysene-d12	21.29	240	818025	20.00	ng		0.00
87) Perylene-d12	23.53	264	778141	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2231624	140.96	ng		0.00
7) Phenol-d6	6.86	99	3033707	136.03	ng		0.00
23) Nitrobenzene-d5	8.85	82	1772992	77.44	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	1048111	126.07	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	3514426	80.89	ng		0.00
79) Terphenyl-d14	19.72	244	4124297	104.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	267857	38.846	ng		99
3) Pyridine	3.63	79	726354	38.619	ng		99
4) n-Nitrosodimethylamine	3.55	42	229064	47.874	ng		94
6) Aniline	7.03	93	989515	36.212	ng		99
8) 2-Chlorophenol	7.25	128	798164	45.921	ng		99
9) Benzaldehyde	6.84	77	573359	50.320	ng		98
10) Phenol	6.89	94	1060422	45.189	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	744136	41.570	ng		99
12) 1,3-Dichlorobenzene	7.57	146	799165	40.889	ng		96
13) 1,4-Dichlorobenzene	7.72	146	819279	41.176	ng		100
14) 1,2-Dichlorobenzene	8.03	146	789757	41.322	ng		99
15) Benzyl Alcohol	7.93	79	757620	42.752	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	738424	42.621	ng		98
17) 2-Methylphenol	8.13	107	669916	44.853	ng		98
18) Hexachloroethane	8.74	117	302572	41.657	ng		97
19) n-Nitroso-di-n-propylamine	8.49	70	692243	40.088	ng		99
20) 3+4-Methylphenols	8.46	107	909194	44.084	ng		99
22) Acetophenone	8.51	105	1141305	39.260	ng	#	99
24) Nitrobenzene	8.89	77	978276	41.167	ng		99
25) Isophorone	9.41	82	1703128	46.624	ng		99
26) 2-Nitrophenol	9.59	139	414164	43.764	ng		100
27) 2,4-Dimethylphenol	9.65	122	716188	51.815	ng		100
28) bis(2-Chloroethoxy)methane	9.89	93	1023142	43.313	ng		99
29) 2,4-Dichlorophenol	10.12	162	716091	45.119	ng		100
30) 1,2,4-Trichlorobenzene	10.33	180	756014	41.247	ng		99
31) Naphthalene	10.52	128	2290875	44.373	ng		99
32) Benzoic acid	9.82	122	464439m	38.520	ng		
33) 4-Chloroaniline	10.65	127	385264	16.694	ng		99
34) Hexachlorobutadiene	10.78	225	410037	38.542	ng		99
35) Caprolactam	11.46	113	215332m	33.245	ng		
36) 4-Chloro-3-methylphenol	11.77	107	787052	41.131	ng		98
37) 2-Methylnaphthalene	12.13	142	1666933	45.859	ng		99
38) 1-Methylnaphthalene	12.36	142	1572939	44.253	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	783263	42.454	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	974693	103.330	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	548737	44.928	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	572597	44.728	ng	98
46) 1,1'-Biphenyl	13.16	154	2108066	42.462	ng	99
47) 2-Chloronaphthalene	13.20	162	1629543	42.496	ng	100
48) 2-Nitroaniline	13.43	65	528292	41.482	ng	99
49) Acenaphthylene	14.06	152	2581625	45.215	ng	99
50) Dimethylphthalate	13.80	163	1977622	41.144	ng	99
51) 2,6-Dinitrotoluene	13.93	165	438352	42.100	ng	95
52) Acenaphthene	14.40	154	1492268	42.623	ng	100
53) 3-Nitroaniline	14.26	138	255401	21.709	ng	96
54) 2,4-Dinitrophenol	14.47	184	505601	76.777	ng	98
55) Dibenzofuran	14.74	168	2383771	41.424	ng	98
56) 4-Nitrophenol	14.58	139	683840	72.815	ng	94
57) 2,4-Dinitrotoluene	14.72	165	591537	41.233	ng	98
58) Fluorene	15.39	166	1926668	43.764	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	493259	43.591	ng	99
60) Diethylphthalate	15.17	149	1987048	40.075	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	956289	38.742	ng	99
62) 4-Nitroaniline	15.44	138	385559	33.429	ng	96
63) Azobenzene	15.68	77	2147591	40.396	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	299053	36.933	ng	98
66) n-Nitrosodiphenylamine	15.60	169	1647961	45.228	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	555419	43.026	ng	99
68) Hexachlorobenzene	16.38	284	643079	42.859	ng	98
69) Atrazine	16.56	200	534408	45.494	ng	99
70) Pentachlorophenol	16.74	266	737845	76.372	ng	99
71) Phenanthrene	17.13	178	2744359	44.279	ng	100
72) Anthracene	17.22	178	2807047	46.532	ng	100
73) Carbazole	17.50	167	2398306	38.053	ng	99
74) Di-n-butylphthalate	18.06	149	3131042	43.196	ng	99
75) Fluoranthene	19.15	202	2716989	37.950	ng	98
77) Benzidine	19.36	184	1288158	69.921	ng	100
78) Pyrene	19.52	202	2708106	57.001	ng	99
80) Butylbenzylphthalate	20.42	149	1203534	55.585	ng	99
81) Benzo(a)anthracene	21.27	228	2086166	43.750	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	585334	31.060	ng	98
83) Chrysene	21.32	228	2008041	43.935	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1695665	53.507	ng	99
85) Di-n-octyl phthalate	22.07	149	2502380	46.982	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	2533651	48.015	ng	100
88) Benzo(b)fluoranthene	22.86	252	2049858	46.043	ng	99
89) Benzo(k)fluoranthene	22.90	252	1897439	42.809	ng	99
90) Benzo(a)pyrene	23.43	252	1951647	46.275	ng	99
91) Dibenzo(a,h)anthracene	25.82	278	2146642	51.374	ng	99
92) Benzo(g,h,i)perylene	26.51	276	2092154	53.782	ng	99

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

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