Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018772.D
Acq On : 12 Feb 2019 14:46
Operator : JU/SJ
Sample : PB117038BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Manual Integrations APPROVED
Sohil
2/13/2019 12:20:42 PM

Quant Time: Feb 13 02:40:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	310155	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1303756	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	761874	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1773088	20.00	ng		0.00
76) Chrysene-d12	21.32	240	1998976	20.00	ng		0.00
87) Perylene-d12	23.57	264	1901089	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2714699	143.41	ng		0.00
7) Phenol-d6	6.90	99	3879634	145.48	ng		0.01
23) Nitrobenzene-d5	8.89	82	2030032	72.00	ng		0.00
42) 2,4,6-Tribromophenol	15.87	330	1723221	156.91	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	4065626	70.84	ng		0.00
79) Terphenyl-d14	19.75	244	7591537	78.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	339933	41.231	ng		100
3) Pyridine	3.66	79	1056989	47.000	ng		99
4) n-Nitrosodimethylamine	3.58	42	295040	51.570	ng		94
6) Aniline	7.06	93	1478108	45.239	ng		100
8) 2-Chlorophenol	7.28	128	892485	42.943	ng		97
9) Benzaldehyde	6.87	77	810272	65.845	ng		99
10) Phenol	6.92	94	1224024	43.623	ng		100
11) bis(2-Chloroethyl)ether	7.16	93	905219	42.292	ng		97
12) 1,3-Dichlorobenzene	7.60	146	969029	41.466	ng		98
13) 1,4-Dichlorobenzene	7.75	146	988083	41.532	ng		100
14) 1,2-Dichlorobenzene	8.06	146	951383	41.631	ng		98
15) Benzyl Alcohol	7.97	79	933877	44.073	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	856677	41.354	ng		98
17) 2-Methylphenol	8.16	107	782488	43.816	ng		99
18) Hexachloroethane	8.78	117	368180	42.394	ng		99
19) n-Nitroso-di-n-propylamine	8.53	70	895936	43.392	ng		99
20) 3+4-Methylphenols	8.49	107	1080106	43.799	ng		99
22) Acetophenone	8.55	105	1471416	41.097	ng	#	99
24) Nitrobenzene	8.93	77	1240581	42.387	ng		100
25) Isophorone	9.45	82	2244306	49.885	ng		99
26) 2-Nitrophenol	9.63	139	505102	43.336	ng		99
27) 2,4-Dimethylphenol	9.69	122	832373	48.895	ng		97
28) bis(2-Chloroethoxy)methane	9.93	93	1284629	44.156	ng		100
29) 2,4-Dichlorophenol	10.16	162	860088	44.001	ng		100
30) 1,2,4-Trichlorobenzene	10.37	180	934847	41.412	ng		98
31) Naphthalene	10.56	128	2848461	44.797	ng		100
32) Benzoic acid	9.85	122	583288	39.279	ng		96
33) 4-Chloroaniline	10.68	127	1256583	44.209	ng		99
34) Hexachlorobutadiene	10.82	225	517194	39.472	ng		100
35) Caprolactam	11.50	113	312835m	39.215	ng		
36) 4-Chloro-3-methylphenol	11.80	107	1033126	43.837	ng		99
37) 2-Methylnaphthalene	12.17	142	2089097	46.665	ng		99
38) 1-Methylnaphthalene	12.39	142	1989656	45.449	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1010373	41.457	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	1356738	108.883	ng	98
43) 2,4,6-Trichlorophenol	12.79	196	714001	44.254	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	755543	44.679	ng	100
46) 1,1'-Biphenyl	13.19	154	2661689	40.587	ng	99
47) 2-Chloronaphthalene	13.24	162	2080269	41.069	ng	99
48) 2-Nitroaniline	13.46	65	747155	44.413	ng	97
49) Acenaphthylene	14.09	152	3433507	45.523	ng	99
50) Dimethylphthalate	13.83	163	2764246	43.535	ng	100
51) 2,6-Dinitrotoluene	13.96	165	606631	44.105	ng	99
52) Acenaphthene	14.43	154	1958261	42.343	ng	99
53) 3-Nitroaniline	14.30	138	651624	41.930	ng	99
54) 2,4-Dinitrophenol	14.50	184	772120	87.860	ng	98
55) Dibenzofuran	14.77	168	3207849	42.200	ng	100
56) 4-Nitrophenol	14.61	139	1092162	88.035	ng	99
57) 2,4-Dinitrotoluene	14.75	165	870014	45.909	ng	98
58) Fluorene	15.42	166	2635162	45.313	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	704436	47.127	ng	99
60) Diethylphthalate	15.20	149	2857834	43.633	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1321568	40.532	ng	97
62) 4-Nitroaniline	15.47	138	661221	43.400	ng	98
63) Azobenzene	15.71	77	3047772	43.399	ng	99
65) 4,6-Dinitro-2-methylphenol	15.51	198	498784	40.066	ng	97
66) n-Nitrosodiphenylamine	15.63	169	2320294	41.420	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	800322	40.325	ng	99
68) Hexachlorobenzene	16.42	284	932498	40.423	ng	98
69) Atrazine	16.59	200	792230	43.867	ng	99
70) Pentachlorophenol	16.76	266	1234591	83.118	ng	99
71) Phenanthrene	17.16	178	4221085	44.298	ng	100
72) Anthracene	17.25	178	4319822	46.576	ng	99
73) Carbazole	17.53	167	4012744	41.412	ng	99
74) Di-n-butylphthalate	18.09	149	4947756	44.398	ng	100
75) Fluoranthene	19.18	202	4999243	45.419	ng	98
77) Benzidine	19.38	184	5846452	129.864	ng	99
78) Pyrene	19.54	202	5153779	44.391	ng	100
80) Butylbenzylphthalate	20.45	149	2407747	45.506	ng	98
81) Benzo(a)anthracene	21.30	228	5262910	45.166	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	2068894	44.925	ng	99
83) Chrysene	21.35	228	4831662	43.261	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3495000	45.131	ng	99
85) Di-n-octyl phthalate	22.10	149	6029333	46.324	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	5172438	40.113	ng	100
88) Benzo(b)fluoranthene	22.89	252	5125426	47.122	ng	100
89) Benzo(k)fluoranthene	22.94	252	5053387	46.667	ng	100
90) Benzo(a)pyrene	23.47	252	4855014	47.118	ng	99
91) Dibenzo(a,h)anthracene	25.88	278	4441110	43.504	ng	99
92) Benzo(g,h,i)perylene	26.57	276	4062776	42.749	ng	100

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

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