Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
Data File : BM018761.D
Acq On : 11 Feb 2019 17:17
Operator : JU/SJ
Sample : PB116995BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Manual Integrations APPROVED
Sohil
2/12/2019 12:11:52 PM

Quant Time: Feb 12 07:30:08 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	275782	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1170682	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	675848	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1595390	20.00	ng		0.00
76) Chrysene-d12	21.32	240	1824994	20.00	ng		0.00
87) Perylene-d12	23.57	264	1900612	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2436703	144.77	ng		0.00
7) Phenol-d6	6.89	99	3475241	146.56	ng		0.00
23) Nitrobenzene-d5	8.89	82	1799330	71.07	ng		0.00
42) 2,4,6-Tribromophenol	15.87	330	1544521	158.54	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	3633534	71.37	ng		0.00
79) Terphenyl-d14	19.75	244	6913407	78.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	305048	41.611	ng		100
3) Pyridine	3.66	79	944262	47.221	ng		98
4) n-Nitrosodimethylamine	3.58	42	258868	50.887	ng		99
6) Aniline	7.06	93	1334586	45.937	ng		98
8) 2-Chlorophenol	7.28	128	803175	43.463	ng		98
9) Benzaldehyde	6.87	77	766047	74.005	ng		99
10) Phenol	6.92	94	1086279	43.539	ng		100
11) bis(2-Chloroethyl)ether	7.16	93	808432	42.478	ng		98
12) 1,3-Dichlorobenzene	7.60	146	865251	41.640	ng		99
13) 1,4-Dichlorobenzene	7.75	146	884987	41.835	ng		99
14) 1,2-Dichlorobenzene	8.06	146	849516	41.807	ng		98
15) Benzyl Alcohol	7.96	79	831136	44.113	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.25	45	768909	41.743	ng		100
17) 2-Methylphenol	8.16	107	696204	43.843	ng		97
18) Hexachloroethane	8.78	117	328677	42.562	ng		98
19) n-Nitroso-di-n-propylamine	8.53	70	791199	43.095	ng		99
20) 3+4-Methylphenols	8.49	107	963826	43.956	ng		98
22) Acetophenone	8.55	105	1309517	40.733	ng	#	99
24) Nitrobenzene	8.93	77	1095561	41.687	ng		99
25) Isophorone	9.45	82	1985664	49.153	ng		99
26) 2-Nitrophenol	9.63	139	451919	43.180	ng		97
27) 2,4-Dimethylphenol	9.69	122	747970	48.932	ng		98
28) bis(2-Chloroethoxy)methane	9.93	93	1148185	43.952	ng		99
29) 2,4-Dichlorophenol	10.16	162	755818	43.062	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	825992	40.750	ng		98
31) Naphthalene	10.56	128	2528931	44.293	ng		99
32) Benzoic acid	9.85	122	542486	40.684	ng		98
33) 4-Chloroaniline	10.68	127	1118913	43.840	ng		99
34) Hexachlorobutadiene	10.82	225	462688	39.326	ng		100
35) Caprolactam	11.49	113	272924m	38.101	ng		
36) 4-Chloro-3-methylphenol	11.80	107	909056	42.957	ng		99
37) 2-Methylnaphthalene	12.17	142	1872451	46.580	ng		99
38) 1-Methylnaphthalene	12.39	142	1792022	45.588	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	905136	41.866	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	1229165	111.201	ng	98
43) 2,4,6-Trichlorophenol	12.79	196	629958	44.015	ng	100
44) 2,4,5-Trichlorophenol	12.86	196	674453	44.960	ng	99
46) 1,1'-Biphenyl	13.20	154	2391136	41.102	ng	98
47) 2-Chloronaphthalene	13.24	162	1848626	41.141	ng	100
48) 2-Nitroaniline	13.46	65	662924	44.422	ng	97
49) Acenaphthylene	14.09	152	3043711	45.491	ng	100
50) Dimethylphthalate	13.83	163	2447685	43.456	ng	100
51) 2,6-Dinitrotoluene	13.96	165	537761	44.074	ng	97
52) Acenaphthene	14.43	154	1762795	42.968	ng	100
53) 3-Nitroaniline	14.29	138	580579	42.113	ng	97
54) 2,4-Dinitrophenol	14.50	184	710758	90.955	ng	99
55) Dibenzofuran	14.77	168	2875871	42.648	ng	99
56) 4-Nitrophenol	14.60	139	1001486	91.002	ng	100
57) 2,4-Dinitrotoluene	14.75	165	773245	45.996	ng	99
58) Fluorene	15.42	166	2368599	45.914	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	632628	47.710	ng	99
60) Diethylphthalate	15.20	149	2530360	43.550	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1183315	40.911	ng	96
62) 4-Nitroaniline	15.46	138	594791	44.009	ng	98
63) Azobenzene	15.71	77	2668142	42.829	ng	98
65) 4,6-Dinitro-2-methylphenol	15.51	198	460394	41.102	ng	96
66) n-Nitrosodiphenylamine	15.63	169	2075694	41.181	ng	100
67) 4-Bromophenyl-phenylether	16.31	248	716198	40.106	ng	99
68) Hexachlorobenzene	16.42	284	833641	40.162	ng	97
69) Atrazine	16.59	200	712174	43.826	ng	100
70) Pentachlorophenol	16.76	266	1107376	82.857	ng	99
71) Phenanthrene	17.16	178	3790879	44.214	ng	99
72) Anthracene	17.25	178	3867251	46.341	ng	99
73) Carbazole	17.53	167	3588145	41.154	ng	99
74) Di-n-butylphthalate	18.08	149	4418234	44.063	ng	100
75) Fluoranthene	19.18	202	4523894	45.678	ng	99
77) Benzidine	19.38	184	5824619	141.713	ng	99
78) Pyrene	19.54	202	4693033	44.277	ng	99
80) Butylbenzylphthalate	20.45	149	2171412	44.952	ng	98
81) Benzo(a)anthracene	21.30	228	4824436	45.350	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	1910813	45.448	ng	98
83) Chrysene	21.35	228	4487776	44.013	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3138682	44.394	ng	99
85) Di-n-octyl phthalate	22.10	149	5466698	46.005	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	5453248	46.322	ng	100
88) Benzo(b)fluoranthene	22.89	252	4923169	45.274	ng	100
89) Benzo(k)fluoranthene	22.94	252	4871450	44.998	ng	100
90) Benzo(a)pyrene	23.48	252	4781729	46.419	ng	99
91) Dibenzo(a,h)anthracene	25.89	278	4619788	45.266	ng	100
92) Benzo(g,h,i)perylene	26.58	276	4301590	45.273	ng	99

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

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