Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
Data File : BM019263.D
Acq On : 20 Mar 2019 15:54
Operator : JU/SJ
Sample : PB118000BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB118000BS

Manual Integrations APPROVED
Sohil
3/22/2019 6:04:44 PM

Quant Time: Mar 21 17:25:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 17:06:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	223242	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	1003393	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	589064	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	1242792	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1070734	20.00	ng		0.00
87) Perylene-d12	23.47	264	898586	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1973045	143.13	ng		0.00
7) Phenol-d6	6.82	99	2810561	139.39	ng		0.00
23) Nitrobenzene-d5	8.80	82	1618465	76.25	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	1148886	132.10	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	3543949	78.26	ng		0.00
79) Terphenyl-d14	19.69	244	4895621	90.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	199393	32.515	ng		100
3) Pyridine	3.60	79	449005	26.913	ng		100
4) n-Nitrosodimethylamine	3.52	42	173309	33.415	ng		99
6) Aniline	6.98	93	882324	33.894	ng		98
8) 2-Chlorophenol	7.20	128	689740	41.638	ng		99
9) Benzaldehyde	6.80	77	374074	29.495	ng		98
10) Phenol	6.85	94	933612	42.964	ng		99
11) bis(2-Chloroethyl)ether	7.08	93	616019	37.151	ng		99
12) 1,3-Dichlorobenzene	7.52	146	623661	35.576	ng		99
13) 1,4-Dichlorobenzene	7.67	146	646368	36.166	ng		99
14) 1,2-Dichlorobenzene	7.98	146	641031	36.866	ng		100
15) Benzyl Alcohol	7.89	79	644057	38.595	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	614705	36.307	ng		98
17) 2-Methylphenol	8.08	107	600265	42.391	ng		99
18) Hexachloroethane	8.69	117	238110	35.854	ng		99
19) n-Nitroso-di-n-propylamine	8.45	70	601790	36.380	ng		99
20) 3+4-Methylphenols	8.42	107	819969	42.660	ng		99
22) Acetophenone	8.47	105	1001903	36.131	ng	#	99
24) Nitrobenzene	8.85	77	840682	38.081	ng		99
25) Isophorone	9.36	82	1514254	37.385	ng		99
26) 2-Nitrophenol	9.55	139	363653	39.740	ng		100
27) 2,4-Dimethylphenol	9.60	122	643524	47.304	ng		97
28) bis(2-Chloroethoxy)methane	9.85	93	917630	38.261	ng		99
29) 2,4-Dichlorophenol	10.07	162	669879	44.461	ng		98
30) 1,2,4-Trichlorobenzene	10.28	180	659931	38.844	ng		100
31) Naphthalene	10.47	128	2028448	38.355	ng		99
32) Benzoic acid	9.79	122	418578m	36.331	ng		
33) 4-Chloroaniline	10.60	127	502172	23.164	ng		99
34) Hexachlorobutadiene	10.73	225	361677	37.097	ng		99
35) Caprolactam	11.43	113	210135m	39.152	ng		
36) 4-Chloro-3-methylphenol	11.73	107	750735	40.383	ng		98
37) 2-Methylnaphthalene	12.09	142	1517474	39.486	ng		99
38) 1-Methylnaphthalene	12.31	142	1454760	38.404	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	725329	38.926	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	720606	85.377 ng	99
43) 2,4,6-Trichlorophenol	12.72	196	530369	44.044 ng	98
44) 2,4,5-Trichlorophenol	12.79	196	552320	42.893 ng	99
46) 1,1'-Biphenyl	13.12	154	1967567	38.247 ng	99
47) 2-Chloronaphthalene	13.16	162	1532156	39.901 ng	99
48) 2-Nitroaniline	13.39	65	507407	39.401 ng	99
49) Acenaphthylene	14.02	152	2482634	38.237 ng	100
50) Dimethylphthalate	13.76	163	1944820	38.594 ng	100
51) 2,6-Dinitrotoluene	13.89	165	431721	39.632 ng	99
52) Acenaphthene	14.36	154	1434198	38.442 ng	98
53) 3-Nitroaniline	14.23	138	306668	26.581 ng	98
54) 2,4-Dinitrophenol	14.44	184	445509	70.423 ng	99
55) Dibenzofuran	14.70	168	2331679	38.754 ng	99
56) 4-Nitrophenol	14.54	139	687703	73.006 ng	97
57) 2,4-Dinitrotoluene	14.69	165	597854	37.809 ng	98
58) Fluorene	15.34	166	1900882	38.329 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	488622	40.760 ng	100
60) Diethylphthalate	15.13	149	1968666	38.574 ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	947761	39.348 ng	99
62) 4-Nitroaniline	15.40	138	393418	33.837 ng	98
63) Azobenzene	15.64	77	2065546	38.462 ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	299405	36.764 ng	98
66) n-Nitrosodiphenylamine	15.57	169	1643570	41.540 ng	99
67) 4-Bromophenyl-phenylether	16.24	248	558583	40.758 ng	99
68) Hexachlorobenzene	16.34	284	663761	40.738 ng	95
69) Atrazine	16.53	200	519963	39.039 ng	99
70) Pentachlorophenol	16.70	266	765457	77.975 ng	100
71) Phenanthrene	17.09	178	2821714	38.736 ng	100
72) Anthracene	17.18	178	2852382	39.999 ng	99
73) Carbazole	17.46	167	2511794	37.319 ng	100
74) Di-n-butylphthalate	18.02	149	3281167	40.314 ng	100
75) Fluoranthene	19.12	202	2987079	35.736 ng	100
77) Benzidine	19.32	184	1261783	41.552 ng	99
78) Pyrene	19.48	202	3032808	44.767 ng	100
80) Butylbenzylphthalate	20.39	149	1385457	46.953 ng	97
81) Benzo(a)anthracene	21.23	228	2578631	38.387 ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	824186	31.849 ng	99
83) Chrysene	21.29	228	2449614	37.694 ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	1997501	46.531 ng	100
85) Di-n-octyl phthalate	22.03	149	3078109	42.582 ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2818284	40.286 ng	99
88) Benzo(b)fluoranthene	22.80	252	2361487	40.557 ng	100
89) Benzo(k)fluoranthene	22.85	252	2381681	44.472 ng	100
90) Benzo(a)pyrene	23.38	252	2280734	43.587 ng	100
91) Dibenzo(a,h)anthracene	25.74	278	2392663	47.801 ng	100
92) Benzo(g,h,i)perylene	26.42	276	2326860	50.633 ng	100

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

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