Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
Data File : BM019276.D
Acq On : 20 Mar 2019 23:48
Operator : JU/SJ
Sample : PB118092BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Manual Integrations APPROVED
Sohil
3/22/2019 6:04:52 PM

Quant Time: Mar 21 17:51:33 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	175800	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	821844	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	508545	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	1122636	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1034878	20.00	ng		0.00
87) Perylene-d12	23.47	264	861832	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	825306	76.03	ng		0.00
7) Phenol-d6	6.82	99	1294762	81.54	ng		0.00
23) Nitrobenzene-d5	8.80	82	1394744	80.22	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	642645	85.59	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	3125409	79.94	ng		0.00
79) Terphenyl-d14	19.69	244	5340849	102.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	172019	35.622	ng		98
3) Pyridine	3.60	79	558138	42.483	ng		99
4) n-Nitrosodimethylamine	3.52	42	156059	38.209	ng		98
6) Aniline	6.98	93	872053	42.539	ng		98
8) 2-Chlorophenol	7.20	128	525719	40.301	ng		99
9) Benzaldehyde	6.80	77	322206	32.261	ng		99
10) Phenol	6.85	94	728876	42.594	ng		99
11) bis(2-Chloroethyl)ether	7.07	93	525424	40.239	ng		97
12) 1,3-Dichlorobenzene	7.52	146	556289	40.297	ng		98
13) 1,4-Dichlorobenzene	7.67	146	565447	40.176	ng		99
14) 1,2-Dichlorobenzene	7.98	146	560245	40.915	ng		100
15) Benzyl Alcohol	7.89	79	554693	42.210	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.16	45	537326	40.301	ng		99
17) 2-Methylphenol	8.08	107	482096	43.233	ng		98
18) Hexachloroethane	8.69	117	206690	39.522	ng		100
19) n-Nitroso-di-n-propylamine	8.45	70	554574	42.573	ng		99
20) 3+4-Methylphenols	8.41	107	679608	44.899	ng		98
22) Acetophenone	8.46	105	918226	40.429	ng	#	99
24) Nitrobenzene	8.85	77	748688	41.406	ng		99
25) Isophorone	9.36	82	1413013	42.592	ng		99
26) 2-Nitrophenol	9.55	139	322418	43.017	ng		95
27) 2,4-Dimethylphenol	9.60	122	532296	47.771	ng		100
28) bis(2-Chloroethoxy)methane	9.85	93	815029	41.490	ng		99
29) 2,4-Dichlorophenol	10.07	162	559732	45.357	ng		99
30) 1,2,4-Trichlorobenzene	10.28	180	591683	42.521	ng		100
31) Naphthalene	10.47	128	1811005	41.808	ng		100
32) Benzoic acid	9.79	122	379802m	40.247	ng		
33) 4-Chloroaniline	10.60	127	802855	45.214	ng		100
34) Hexachlorobutadiene	10.73	225	317122	39.713	ng		100
35) Caprolactam	11.43	113	196625m	44.728	ng		
36) 4-Chloro-3-methylphenol	11.73	107	673668	44.242	ng		99
37) 2-Methylnaphthalene	12.09	142	1385434	44.013	ng		100
38) 1-Methylnaphthalene	12.31	142	1316409	42.429	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	666025	41.403	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	662564	90.929 ng	100
43) 2,4,6-Trichlorophenol	12.71	196	470167	45.226 ng	97
44) 2,4,5-Trichlorophenol	12.79	196	490422	44.116 ng	100
46) 1,1'-Biphenyl	13.12	154	1783615	40.161 ng	100
47) 2-Chloronaphthalene	13.16	162	1403567	42.339 ng	100
48) 2-Nitroaniline	13.39	65	473236	42.566 ng	99
49) Acenaphthylene	14.02	152	2310903	41.227 ng	100
50) Dimethylphthalate	13.76	163	1801639	41.413 ng	100
51) 2,6-Dinitrotoluene	13.89	165	400646	42.603 ng	100
52) Acenaphthene	14.36	154	1322333	41.056 ng	99
53) 3-Nitroaniline	14.23	138	408068	40.970 ng	99
54) 2,4-Dinitrophenol	14.44	184	393718	72.090 ng	99
55) Dibenzofuran	14.69	168	2187135	42.107 ng	99
56) 4-Nitrophenol	14.54	139	625794	76.952 ng	99
57) 2,4-Dinitrotoluene	14.69	165	565758	41.444 ng	98
58) Fluorene	15.34	166	1783913	41.666 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	449039	43.389 ng	99
60) Diethylphthalate	15.13	149	1843104	41.832 ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	882452	42.437 ng	99
62) 4-Nitroaniline	15.40	138	398444	39.695 ng	98
63) Azobenzene	15.64	77	1947846	42.013 ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	287789	39.120 ng	98
66) n-Nitrosodiphenylamine	15.57	169	1534974	42.947 ng	99
67) 4-Bromophenyl-phenylether	16.24	248	527596	42.617 ng	99
68) Hexachlorobenzene	16.34	284	633676	43.054 ng	98
69) Atrazine	16.53	200	404415	33.614 ng	99
70) Pentachlorophenol	16.70	266	714062	80.525 ng	100
71) Phenanthrene	17.09	178	2712333	41.220 ng	100
72) Anthracene	17.18	178	2761916	42.875 ng	99
73) Carbazole	17.46	167	2456110	40.397 ng	100
74) Di-n-butylphthalate	18.02	149	3181795	43.277 ng	100
75) Fluoranthene	19.12	202	2997365	39.697 ng	99
77) Benzidine	19.32	184	2821698	96.140 ng	100
78) Pyrene	19.48	202	3041483	46.451 ng	100
80) Butylbenzylphthalate	20.39	149	1442529	50.581 ng	99
81) Benzo(a)anthracene	21.23	228	2711226	41.760 ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1054205	42.150 ng	100
83) Chrysene	21.29	228	2512499	40.001 ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2099910	50.611 ng	100
85) Di-n-octyl phthalate	22.03	149	3350485	47.956 ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2499509	36.968 ng	100
88) Benzo(b)fluoranthene	22.80	252	2365999	42.367 ng	98
89) Benzo(k)fluoranthene	22.85	252	2333137	45.423 ng	100
90) Benzo(a)pyrene	23.38	252	2197593	43.789 ng	99
91) Dibenzo(a,h)anthracene	25.74	278	2141289	44.603 ng	99
92) Benzo(g,h,i)perylene	26.42	276	2030650	46.072 ng	99

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

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