Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020090.D
Acq On : 01 May 2019 15:01
Operator : JU/SJ
Sample : PB119354BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119354BS

Manual Integrations APPROVED
Sohil
5/2/2019 2:19:53 AM

Quant Time: May 02 02:07:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	105937	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	399307	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	247216	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	576657	20.00	ng		0.00
76) Chrysene-d12	21.36	240	556594	20.00	ng		0.00
87) Perylene-d12	23.65	264	508037	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	865700	133.58	ng		0.00
7) Phenol-d6	6.95	99	1143914	129.20	ng		0.00
23) Nitrobenzene-d5	8.96	82	764871	75.62	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	525730	137.01	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1518219	75.56	ng		0.00
79) Terphenyl-d14	19.80	244	2544980	79.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	109349	34.402	ng		98
3) Pyridine	3.70	79	273511	33.645	ng		99
4) n-Nitrosodimethylamine	3.62	42	104248	39.991	ng		99
6) Aniline	7.13	93	335146	30.070	ng		98
8) 2-Chlorophenol	7.36	128	266506	37.766	ng		98
9) Benzaldehyde	6.94	77	204214	30.474	ng		98
10) Phenol	6.98	94	356832	37.437	ng		100
11) bis(2-Chloroethyl)ether	7.22	93	255395	36.866	ng		100
12) 1,3-Dichlorobenzene	7.67	146	305834	37.249	ng		98
13) 1,4-Dichlorobenzene	7.83	146	310485	37.434	ng		96
14) 1,2-Dichlorobenzene	8.14	146	294358	37.251	ng		99
15) Benzyl Alcohol	8.03	79	310488	36.368	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	196024	34.124	ng		97
17) 2-Methylphenol	8.22	107	234672	38.247	ng		98
18) Hexachloroethane	8.86	117	129798	37.532	ng		98
19) n-Nitroso-di-n-propylamine	8.60	70	269125	35.528	ng		98
20) 3+4-Methylphenols	8.55	107	308625	37.846	ng		99
22) Acetophenone	8.62	105	438767	40.205	ng	#	99
24) Nitrobenzene	9.00	77	409632	39.062	ng		98
25) Isophorone	9.52	82	653674	37.478	ng		99
26) 2-Nitrophenol	9.70	139	124829	39.429	ng		99
27) 2,4-Dimethylphenol	9.75	122	236116	44.797	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	361709	38.077	ng		99
29) 2,4-Dichlorophenol	10.23	162	272682	41.028	ng		96
30) 1,2,4-Trichlorobenzene	10.45	180	335591	41.036	ng		98
31) Naphthalene	10.63	128	811229	39.149	ng		100
32) Benzoic acid	9.87	122	127281	35.876	ng		95
33) 4-Chloroaniline	10.75	127	180776	21.196	ng		98
34) Hexachlorobutadiene	10.90	225	232886	40.256	ng		96
35) Caprolactam	11.53	113	69495m	34.969	ng		
36) 4-Chloro-3-methylphenol	11.86	107	293827	37.620	ng		99
37) 2-Methylnaphthalene	12.24	142	607687	40.226	ng		99
38) 1-Methylnaphthalene	12.47	142	569518	38.553	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	397860	41.135	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	522686	91.781	ng		98
43) 2,4,6-Trichlorophenol	12.86	196	230092	41.859	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	247836	40.359	ng		96
46) 1,1'-Biphenyl	13.26	154	791974	38.921	ng		98
47) 2-Chloronaphthalene	13.30	162	642842	39.568	ng		99
48) 2-Nitroaniline	13.52	65	216935	37.506	ng		98
49) Acenaphthylene	14.16	152	969647	37.293	ng		99
50) Dimethylphthalate	13.89	163	791499	37.670	ng		99
51) 2,6-Dinitrotoluene	14.02	165	166356	37.591	ng		97
52) Acenaphthene	14.50	154	574369	38.522	ng		98
53) 3-Nitroaniline	14.34	138	96712	23.546	ng		96
54) 2,4-Dinitrophenol	14.55	184	172210	77.932	ng		98
55) Dibenzofuran	14.83	168	974656	38.754	ng		100
56) 4-Nitrophenol	14.64	139	262606	74.936	ng		98
57) 2,4-Dinitrotoluene	14.80	165	231864	38.558	ng		98
58) Fluorene	15.48	166	780493	37.787	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	236476	40.523	ng		98
60) Diethylphthalate	15.26	149	800660	37.823	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	455509	38.922	ng		99
62) 4-Nitroaniline	15.51	138	152770	33.703	ng		92
63) Azobenzene	15.77	77	952705	38.149	ng		97
65) 4,6-Dinitro-2-methylphenol	15.56	198	104644	37.761	ng		95
66) n-Nitrosodiphenylamine	15.69	169	682257	40.207	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	279022	39.458	ng		96
68) Hexachlorobenzene	16.47	284	320074	39.334	ng		97
69) Atrazine	16.64	200	249674	37.651	ng		99
70) Pentachlorophenol	16.82	266	388837	83.516	ng		97
71) Phenanthrene	17.22	178	1237539	38.877	ng		99
72) Anthracene	17.31	178	1253596	39.389	ng		99
73) Carbazole	17.59	167	1058934	36.875	ng		99
74) Di-n-butylphthalate	18.14	149	1289060	37.299	ng		99
75) Fluoranthene	19.23	202	1491457	37.031	ng		99
77) Benzidine	19.43	184	488057	27.427	ng		99
78) Pyrene	19.60	202	1506034	40.302	ng		99
80) Butylbenzylphthalate	20.50	149	541656	39.859	ng		98
81) Benzo(a)anthracene	21.34	228	1450259	37.154	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	494092	33.165	ng		99
83) Chrysene	21.40	228	1448783	38.271	ng		99
84) Bis(2-ethylhexyl)phthalate	21.27	149	807705	38.303	ng		98
85) Di-n-octyl phthalate	22.17	149	1323837	37.772	ng		100
86) Indeno(1,2,3-cd)pyrene	25.98	276	1765628	39.211	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1485084	44.267	ng		99
89) Benzo(k)fluoranthene	23.00	252	1487313	48.602	ng		99
90) Benzo(a)pyrene	23.55	252	1454016	47.716	ng		98
91) Dibenzo(a,h)anthracene	26.00	278	1516696	47.860	ng		98
92) Benzo(g,h,i)perylene	26.69	276	1486115	49.394	ng		98

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

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