Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020603.D
Acq On : 29 May 2019 17:22
Operator : JU/SJ
Sample : PB120010BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120010BS

Manual Integrations APPROVED
mohammad
5/30/2019 8:16:19 AM

Quant Time: May 30 02:22:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 02:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	55640	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	192617	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	124519	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	294961	20.00	ng		0.00
76) Chrysene-d12	21.24	240	314083	20.00	ng		0.00
87) Perylene-d12	23.46	264	375387	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	381531	134.52	ng		0.00
7) Phenol-d6	6.80	99	485921	113.51	ng		0.00
23) Nitrobenzene-d5	8.80	82	380712	82.96	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	268406	107.59	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	851530	85.81	ng		0.00
79) Terphenyl-d14	19.67	244	1463515	84.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	60396	40.694	ng		96
3) Pyridine	3.53	79	144725	33.309	ng		98
4) n-Nitrosodimethylamine	3.46	42	38152	36.249	ng	#	86
6) Aniline	6.97	93	137598	22.221	ng		99
8) 2-Chlorophenol	7.19	128	126900	36.591	ng		99
9) Benzaldehyde	6.78	77	143457	52.493	ng		97
10) Phenol	6.83	94	165149	35.727	ng		98
11) bis(2-Chloroethyl)ether	7.06	93	107070	31.039	ng		98
12) 1,3-Dichlorobenzene	7.51	146	150004	33.774	ng		98
13) 1,4-Dichlorobenzene	7.66	146	147378	33.198	ng		98
14) 1,2-Dichlorobenzene	7.97	146	150162	33.739	ng		99
15) Benzyl Alcohol	7.88	79	115539m	29.168	ng		
16) 2,2'-oxybis(1-Chloropropan	8.15	45	71837	29.879	ng		100
17) 2-Methylphenol	8.07	107	94187	30.863	ng		98
18) Hexachloroethane	8.68	117	61447	34.169	ng		91
19) n-Nitroso-di-n-propylamine	8.43	70	109872	28.905	ng		99
20) 3+4-Methylphenols	8.40	107	123906	30.276	ng		97
22) Acetophenone	8.46	105	175797	33.144	ng	#	98
24) Nitrobenzene	8.84	77	161759	35.691	ng		97
25) Isophorone	9.36	82	293258	34.343	ng		99
26) 2-Nitrophenol	9.55	139	55513	33.196	ng		96
27) 2,4-Dimethylphenol	9.60	122	95525	38.346	ng		97
28) bis(2-Chloroethoxy)methane	9.84	93	137646	30.966	ng		98
29) 2,4-Dichlorophenol	10.07	162	115504	34.861	ng		99
30) 1,2,4-Trichlorobenzene	10.27	180	164313	36.271	ng		99
31) Naphthalene	10.46	128	349441	35.136	ng		99
32) Benzoic acid	9.72	122	9640m	14.638	ng		
33) 4-Chloroaniline	10.60	127	60698m	15.291	ng		
34) Hexachlorobutadiene	10.72	225	130674	38.797	ng		98
35) Caprolactam	11.40	113	26196m	24.023	ng		
36) 4-Chloro-3-methylphenol	11.72	107	111638	30.963	ng		97
37) 2-Methylnaphthalene	12.09	142	252895	33.285	ng		97
38) 1-Methylnaphthalene	12.30	142	248383	33.740	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	211739	40.451	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	132882	54.718 ng	98
43) 2,4,6-Trichlorophenol	12.71	196	115832	35.758 ng	97
44) 2,4,5-Trichlorophenol	12.79	196	108399	35.835 ng	96
46) 1,1'-Biphenyl	13.11	154	347311	36.216 ng	99
47) 2-Chloronaphthalene	13.16	162	286779	35.276 ng	99
48) 2-Nitroaniline	13.39	65	63843	27.655 ng	91
49) Acenaphthylene	14.01	152	434021	35.106 ng	100
50) Dimethylphthalate	13.75	163	360967	32.728 ng	99
51) 2,6-Dinitrotoluene	13.89	165	74428	32.378 ng	91
52) Acenaphthene	14.35	154	254614	34.175 ng	99
53) 3-Nitroaniline	14.23	138	30166	18.589 ng	94
54) 2,4-Dinitrophenol	14.45	184	37418	32.505 ng	95
55) Dibenzofuran	14.69	168	447280	34.694 ng	99
56) 4-Nitrophenol	14.55	139	68308	48.833 ng	93
57) 2,4-Dinitrotoluene	14.68	165	99785	30.060 ng	93
58) Fluorene	15.34	166	350797	32.756 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	123778	35.166 ng	98
60) Diethylphthalate	15.12	149	345356	31.781 ng	99
61) 4-Chlorophenyl-phenylether	15.34	204	230033	33.645 ng	98
62) 4-Nitroaniline	15.41	138	43680m	22.605 ng	
63) Azobenzene	15.63	77	356422	33.707 ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	39017	24.460 ng	94
66) n-Nitrosodiphenylamine	15.56	169	297728	37.226 ng	98
67) 4-Bromophenyl-phenylether	16.23	248	141395	35.984 ng	98
68) Hexachlorobenzene	16.33	284	174551	36.638 ng	99
69) Atrazine	16.52	200	116600	35.435 ng	99
70) Pentachlorophenol	16.69	266	184510	74.978 ng	98
71) Phenanthrene	17.09	178	542831	33.876 ng	99
72) Anthracene	17.17	178	519248	33.415 ng	100
73) Carbazole	17.46	167	407855	30.583 ng	99
74) Di-n-butylphthalate	18.00	149	524064	31.946 ng	99
75) Fluoranthene	19.10	202	685667	30.771 ng	100
77) Benzidine	19.32	184	481680	83.450 ng	99
78) Pyrene	19.47	202	695185	35.256 ng	99
80) Butylbenzylphthalate	20.37	149	211140	30.475 ng	96
81) Benzo(a)anthracene	21.23	228	709886	32.657 ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	206676	26.049 ng	99
83) Chrysene	21.27	228	732626	34.879 ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	314322	31.128 ng	99
85) Di-n-octyl phthalate	22.02	149	554792	31.604 ng	99
86) Indeno(1,2,3-cd)pyrene	25.71	276	1061725	41.805 ng	99
88) Benzo(b)fluoranthene	22.79	252	812348	33.063 ng	98
89) Benzo(k)fluoranthene	22.84	252	852515	35.751 ng	99
90) Benzo(a)pyrene	23.37	252	821563	36.337 ng	99
91) Dibenzo(a,h)anthracene	25.73	278	902888	39.012 ng	98
92) Benzo(g,h,i)perylene	26.40	276	890640	41.514 ng	98

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

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