Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
Data File : BM018560.D
Acq On : 14 Jan 2019 20:23
Operator : JU/SJ
Sample : PB116317BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Manual Integrations APPROVED
Sohil
1/15/2019 12:20:11 PM

Quant Time: Jan 14 23:53:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	258839	20.00	ng		-0.01
21) Naphthalene-d8	10.55	136	1139467	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	711466	20.00	ng		0.00
64) Phenanthrene-d10	17.15	188	1702816	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1890185	20.00	ng		0.00
87) Perylene-d12	23.63	264	1986220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1757804	125.40	ng		0.00
7) Phenol-d6	6.93	99	2350730	132.03	ng		0.00
23) Nitrobenzene-d5	8.92	82	1372443	69.82	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1097838	121.19	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	3735483	68.51	ng		0.00
79) Terphenyl-d14	19.79	244	6228057	69.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	142601	24.959	ng		97
3) Pyridine	3.68	79	422339	29.650	ng		96
4) n-Nitrosodimethylamine	3.60	42	236747	40.194	ng	#	95
6) Aniline	7.09	93	292726	14.739	ng		100
8) 2-Chlorophenol	7.32	128	681737	41.641	ng		95
9) Benzaldehyde	6.90	77	189833	15.712	ng		99
10) Phenol	6.96	94	773316	42.743	ng		98
11) bis(2-Chloroethyl)ether	7.19	93	514274	36.176	ng		97
12) 1,3-Dichlorobenzene	7.64	146	658521	33.775	ng		98
13) 1,4-Dichlorobenzene	7.79	146	679689	34.395	ng		100
14) 1,2-Dichlorobenzene	8.10	146	661125	35.282	ng		99
15) Benzyl Alcohol	8.00	79	555190	43.174	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	645696	35.542	ng		94
17) 2-Methylphenol	8.20	107	554021	45.113	ng		98
18) Hexachloroethane	8.82	117	239820	34.036	ng		94
19) n-Nitroso-di-n-propylamine	8.56	70	445676	38.465	ng		92
20) 3+4-Methylphenols	8.53	107	752978	44.415	ng		97
22) Acetophenone	8.58	105	898447	31.874	ng	#	98
24) Nitrobenzene	8.96	77	665507	34.411	ng		96
25) Isophorone	9.48	82	1220452	41.004	ng		97
26) 2-Nitrophenol	9.67	139	369273	39.488	ng		95
27) 2,4-Dimethylphenol	9.72	122	626681	44.709	ng		98
28) bis(2-Chloroethoxy)methane	9.96	93	754228	36.681	ng		99
29) 2,4-Dichlorophenol	10.20	162	692022	41.461	ng		97
30) 1,2,4-Trichlorobenzene	10.40	180	675459	32.604	ng		97
31) Naphthalene	10.60	128	2005309	36.542	ng		100
32) Benzoic acid	9.87	122	431187m	46.002	ng		
33) 4-Chloroaniline	10.72	127	189995	8.791	ng		98
34) Hexachlorobutadiene	10.86	225	403484	30.829	ng		99
35) Caprolactam	11.52	113	222456m	39.201	ng		
36) 4-Chloro-3-methylphenol	11.85	107	736127	42.039	ng		99
37) 2-Methylnaphthalene	12.21	142	1538360	39.677	ng		100
38) 1-Methylnaphthalene	12.43	142	1463006	38.997	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	800838	32.188	ng		99

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	956722	70.066	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	580695	38.435	ng		99
44) 2,4,5-Trichlorophenol	12.90	196	632229	39.789	ng		98
46) 1,1'-Biphenyl	13.23	154	2010995	32.372	ng		99
47) 2-Chloronaphthalene	13.27	162	1566760	32.524	ng		99
48) 2-Nitroaniline	13.49	65	446547	37.678	ng		92
49) Acenaphthylene	14.12	152	2616206	37.266	ng		99
50) Dimethylphthalate	13.87	163	2093832	35.834	ng		100
51) 2,6-Dinitrotoluene	13.99	165	469974	37.972	ng		92
52) Acenaphthene	14.47	154	1500966	34.943	ng		98
53) 3-Nitroaniline	14.32	138	167410	13.416	ng		99
54) 2,4-Dinitrophenol	14.53	184	530338	79.228	ng		92
55) Dibenzofuran	14.80	168	2462519	34.697	ng		99
56) 4-Nitrophenol	14.65	139	866806	80.411	ng		95
57) 2,4-Dinitrotoluene	14.78	165	674130	38.495	ng		97
58) Fluorene	15.45	166	2019446	38.197	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	577833	41.027	ng		98
60) Diethylphthalate	15.23	149	2180621	36.968	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	1025503	33.654	ng		98
62) 4-Nitroaniline	15.49	138	455366	33.457	ng		99
63) Azobenzene	15.74	77	1701593	35.382	ng		96
65) 4,6-Dinitro-2-methylphenol	15.54	198	368281	35.512	ng		87
66) n-Nitrosodiphenylamine	15.67	169	1817246	34.404	ng		99
67) 4-Bromophenyl-phenylether	16.34	248	640006	33.586	ng		97
68) Hexachlorobenzene	16.45	284	706258	33.107	ng		97
69) Atrazine	16.62	200	694893	36.390	ng		99
70) Pentachlorophenol	16.80	266	922629	66.039	ng		97
71) Phenanthrene	17.20	178	3297977	36.413	ng		100
72) Anthracene	17.29	178	3371647	38.712	ng		100
73) Carbazole	17.56	167	3122206	34.892	ng		100
74) Di-n-butylphthalate	18.12	149	3823430	39.009	ng		99
75) Fluoranthene	19.22	202	4041150	38.700	ng		98
77) Benzidine	19.41	184	1193233	25.567	ng		99
78) Pyrene	19.58	202	4131467	36.875	ng		100
80) Butylbenzylphthalate	20.48	149	1857911	38.861	ng		97
81) Benzo(a)anthracene	21.33	228	4174057	37.485	ng		100
82) 3,3'-Dichlorobenzidine	21.27	252	722137	17.150	ng		98
83) Chrysene	21.38	228	3937529	36.618	ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2653831	38.441	ng		99
85) Di-n-octyl phthalate	22.14	149	4707897	40.546	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.95	276	4883491	39.385	ng		97
88) Benzo(b)fluoranthene	22.94	252	4312306	38.243	ng		99
89) Benzo(k)fluoranthene	22.99	252	4124329	36.293	ng		98
90) Benzo(a)pyrene	23.53	252	4160761	38.542	ng	#	97
91) Dibenzo(a,h)anthracene	25.96	278	4103887	37.518	ng		99
92) Benzo(g,h,i)perylene	26.66	276	3964920	37.249	ng		97

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

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