Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
Data File : BM018882.D
Acq On : 20 Feb 2019 13:52
Operator : JU/SJ
Sample : PB117236BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB117236BS

Manual Integrations APPROVED
Sohil
2/21/2019 10:08:45 AM

Quant Time: Feb 20 16:22:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	264902	20.00	ng		-0.02
21) Naphthalene-d8	10.49	136	1140443	20.00	ng		-0.02
39) Acenaphthene-d10	14.35	164	674490	20.00	ng		-0.01
64) Phenanthrene-d10	17.10	188	1518400	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1593235	20.00	ng		-0.01
87) Perylene-d12	23.55	264	1323541	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	2640528	163.32	ng		0.00
7) Phenol-d6	6.88	99	3682314	161.67	ng		0.00
23) Nitrobenzene-d5	8.87	82	1954640	79.25	ng		-0.02
42) 2,4,6-Tribromophenol	15.85	330	1478780	152.10	ng		-0.01
45) 2-Fluorobiphenyl	12.97	172	3923002	77.21	ng		-0.01
79) Terphenyl-d14	19.74	244	6999351	90.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	247781	35.187	ng		99
3) Pyridine	3.64	79	711311	37.032	ng		98
4) n-Nitrosodimethylamine	3.56	42	237763	48.658	ng		93
6) Aniline	7.05	93	880663	31.558	ng		99
8) 2-Chlorophenol	7.27	128	817331	46.045	ng		96
9) Benzaldehyde	6.86	77	306911	21.488	ng		98
10) Phenol	6.91	94	1126887	47.022	ng		99
11) bis(2-Chloroethyl)ether	7.14	93	758405	41.486	ng		98
12) 1,3-Dichlorobenzene	7.59	146	790202	39.590	ng		99
13) 1,4-Dichlorobenzene	7.73	146	815244	40.121	ng		100
14) 1,2-Dichlorobenzene	8.05	146	788817	40.414	ng		98
15) Benzyl Alcohol	7.95	79	797650	44.075	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	743067	41.997	ng		98
17) 2-Methylphenol	8.15	107	712437	46.708	ng		99
18) Hexachloroethane	8.76	117	300197	40.471	ng		98
19) n-Nitroso-di-n-propylamine	8.51	70	727885	41.275	ng		99
20) 3+4-Methylphenols	8.48	107	974559	46.270	ng		100
22) Acetophenone	8.53	105	1215493	38.810	ng	#	99
24) Nitrobenzene	8.91	77	1051124	41.057	ng		99
25) Isophorone	9.43	82	1833178	46.581	ng		99
26) 2-Nitrophenol	9.62	139	430408	42.216	ng		98
27) 2,4-Dimethylphenol	9.67	122	744721	50.011	ng		99
28) bis(2-Chloroethoxy)methane	9.91	93	1076417	42.297	ng		100
29) 2,4-Dichlorophenol	10.14	162	768626	44.953	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	774532	39.224	ng		98
31) Naphthalene	10.54	128	2418876	43.489	ng		100
32) Benzoic acid	9.83	122	519496	39.993	ng		96
33) 4-Chloroaniline	10.67	127	468012	18.824	ng		99
34) Hexachlorobutadiene	10.80	225	419007	36.557	ng		99
35) Caprolactam	11.48	113	263137m	37.709	ng		
36) 4-Chloro-3-methylphenol	11.79	107	901036	43.707	ng		99
37) 2-Methylnaphthalene	12.16	142	1778132	45.407	ng		99
38) 1-Methylnaphthalene	12.38	142	1684364	43.985	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	832649	38.591	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	863718	78.297	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	613702	42.966	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	656981	43.883	ng	98
46) 1,1'-Biphenyl	13.18	154	2287456	39.399	ng	100
47) 2-Chloronaphthalene	13.22	162	1777902	39.647	ng	99
48) 2-Nitroaniline	13.45	65	651599	43.751	ng	99
49) Acenaphthylene	14.07	152	2926029	43.821	ng	100
50) Dimethylphthalate	13.82	163	2297198	40.867	ng	100
51) 2,6-Dinitrotoluene	13.95	165	511307	41.991	ng	99
52) Acenaphthene	14.42	154	1665266	40.672	ng	100
53) 3-Nitroaniline	14.28	138	371396	26.994	ng	96
54) 2,4-Dinitrophenol	14.49	184	491225	64.760	ng	99
55) Dibenzofuran	14.75	168	2745542	40.797	ng	99
56) 4-Nitrophenol	14.59	139	878679	80.003	ng	99
57) 2,4-Dinitrotoluene	14.73	165	731165	43.581	ng	99
58) Fluorene	15.40	166	2246418	43.633	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	582140	43.991	ng	98
60) Diethylphthalate	15.19	149	2375696	40.971	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1107640	38.372	ng	99
62) 4-Nitroaniline	15.45	138	502344	37.243	ng	99
63) Azobenzene	15.69	77	2598368	41.793	ng	100
65) 4,6-Dinitro-2-methylphenol	15.49	198	365781	34.311	ng	97
66) n-Nitrosodiphenylamine	15.62	169	1959545	40.847	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	664173	39.078	ng	99
68) Hexachlorobenzene	16.40	284	771341	39.045	ng	98
69) Atrazine	16.58	200	681840	44.087	ng	99
70) Pentachlorophenol	16.75	266	982117	77.211	ng	99
71) Phenanthrene	17.15	178	3530721	43.268	ng	100
72) Anthracene	17.24	178	3545777	44.643	ng	99
73) Carbazole	17.52	167	3285475	39.594	ng	99
74) Di-n-butylphthalate	18.07	149	4109961	43.067	ng	100
75) Fluoranthene	19.17	202	4064459	43.120	ng	99
77) Benzidine	19.37	184	1585583	44.189	ng	99
78) Pyrene	19.53	202	4142329	44.766	ng	99
80) Butylbenzylphthalate	20.43	149	1965780	46.614	ng	97
81) Benzo(a)anthracene	21.29	228	4075026	43.878	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1093760	29.799	ng	99
83) Chrysene	21.34	228	3809017	42.790	ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	2837090	45.965	ng	100
85) Di-n-octyl phthalate	22.09	149	4964762	47.859	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	3926683	38.207	ng	99
88) Benzo(b)fluoranthene	22.87	252	4035934	53.297	ng	100
89) Benzo(k)fluoranthene	22.92	252	3720979	49.357	ng	100
90) Benzo(a)pyrene	23.46	252	3637189	50.703	ng	99
91) Dibenzo(a,h)anthracene	25.85	278	3377807	47.527	ng	99
92) Benzo(g,h,i)perylene	26.54	276	3071403	46.420	ng	99

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

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