Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018292.D
Acq On : 19 Dec 2018 11:29
Operator : JU/SJ
Sample : PB115752BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB115752BS

Manual Integrations APPROVED
Sohil
12/20/2018 2:55:02 PM

Quant Time: Dec 20 13:31:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	85651	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	310074	20.00	ng		-0.02
39) Acenaphthene-d10	14.15	164	152316	20.00	ng		-0.02
64) Phenanthrene-d10	16.90	188	318512	20.00	ng		-0.02
76) Chrysene-d12	21.13	240	370902	20.00	ng		-0.02
87) Perylene-d12	23.29	264	415383	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	706856	137.86	ng		0.00
7) Phenol-d6	6.69	99	895726	125.69	ng		-0.01
23) Nitrobenzene-d5	8.65	82	476964	78.90	ng		-0.02
42) 2,4,6-Tribromophenol	15.65	330	286647	128.22	ng		-0.02
45) 2-Fluorobiphenyl	12.75	172	897805	76.35	ng		-0.02
79) Terphenyl-d14	19.56	244	1288978	78.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	92531	45.557	ng		97
3) Pyridine	3.50	79	259450	43.421	ng		99
4) n-Nitrosodimethylamine	3.42	42	101660	49.429	ng		99
6) Aniline	6.83	93	273703	30.615	ng		99
8) 2-Chlorophenol	7.06	128	239617	39.554	ng		97
9) Benzaldehyde	6.65	77	80842	18.611	ng		85
10) Phenol	6.72	94	302712	40.108	ng		95
11) bis(2-Chloroethyl)ether	6.93	93	226484	37.758	ng		98
12) 1,3-Dichlorobenzene	7.37	146	260146	38.456	ng		96
13) 1,4-Dichlorobenzene	7.52	146	269614	39.248	ng		99
14) 1,2-Dichlorobenzene	7.83	146	257139	38.830	ng		99
15) Benzyl Alcohol	7.74	79	227552	39.186	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	184945	34.262	ng		90
17) 2-Methylphenol	7.95	107	195493	38.792	ng		96
18) Hexachloroethane	8.53	117	101361	40.257	ng		93
19) n-Nitroso-di-n-propylamine	8.29	70	188596	35.443	ng		98
20) 3+4-Methylphenols	8.28	107	258997	36.677	ng		98
22) Acetophenone	8.31	105	351003	42.776	ng	#	99
24) Nitrobenzene	8.69	77	277646	45.966	ng		98
25) Isophorone	9.20	82	466049	46.307	ng		98
26) 2-Nitrophenol	9.39	139	117926	39.805	ng		93
27) 2,4-Dimethylphenol	9.46	122	203090	47.566	ng		100
28) bis(2-Chloroethoxy)methane	9.69	93	281136	42.854	ng		98
29) 2,4-Dichlorophenol	9.92	162	200283	42.308	ng		98
30) 1,2,4-Trichlorobenzene	10.12	180	225695	41.914	ng		95
31) Naphthalene	10.30	128	674424	44.482	ng		99
32) Benzoic acid	9.62	122	132404m	32.749	ng		
33) 4-Chloroaniline	10.44	127	135610	20.419	ng		96
34) Hexachlorobutadiene	10.57	225	141578	41.572	ng		98
35) Caprolactam	11.23	113	58447m	32.401	ng		
36) 4-Chloro-3-methylphenol	11.57	107	216902	38.131	ng		96
37) 2-Methylnaphthalene	11.93	142	465484	43.534	ng		97
38) 1-Methylnaphthalene	12.15	142	441849	42.349	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	238831	45.598	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	238109	101.403	ng		99
43) 2,4,6-Trichlorophenol	12.56	196	148239	44.004	ng		96
44) 2,4,5-Trichlorophenol	12.64	196	153521	42.926	ng		94
46) 1,1'-Biphenyl	12.96	154	568493	41.487	ng		99
47) 2-Chloronaphthalene	13.00	162	441918	43.817	ng		99
48) 2-Nitroaniline	13.24	65	138615	44.616	ng		98
49) Acenaphthylene	13.86	152	701537	46.158	ng		99
50) Dimethylphthalate	13.62	163	519730	41.043	ng		99
51) 2,6-Dinitrotoluene	13.75	165	114681	41.197	ng		89
52) Acenaphthene	14.21	154	401063	43.179	ng		100
53) 3-Nitroaniline	14.08	138	78321	26.735	ng		93
54) 2,4-Dinitrophenol	14.30	184	104413	67.995	ng	#	88
55) Dibenzofuran	14.55	168	639465	42.846	ng		99
56) 4-Nitrophenol	14.42	139	176652	79.534	ng		90
57) 2,4-Dinitrotoluene	14.55	165	157117	40.833	ng	#	86
58) Fluorene	15.20	166	512087	44.424	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.79	232	138765	43.082	ng	#	97
60) Diethylphthalate	14.99	149	524829	38.405	ng		98
61) 4-Chlorophenyl-phenylether	15.20	204	259808	39.852	ng		98
62) 4-Nitroaniline	15.26	138	106296	38.240	ng		82
63) Azobenzene	15.50	77	556383	44.651	ng		96
65) 4,6-Dinitro-2-methylphenol	15.32	198	70493	30.063	ng		92
66) n-Nitrosodiphenylamine	15.43	169	437264	41.515	ng		97
67) 4-Bromophenyl-phenylether	16.10	248	158936	41.202	ng		98
68) Hexachlorobenzene	16.21	284	175385	41.502	ng		98
69) Atrazine	16.40	200	158337	44.530	ng		96
70) Pentachlorophenol	16.56	266	203185	72.801	ng		99
71) Phenanthrene	16.95	178	773750	44.723	ng		100
72) Anthracene	17.04	178	801920	46.722	ng		99
73) Carbazole	17.33	167	705791	40.064	ng		99
74) Di-n-butylphthalate	17.89	149	869065	39.981	ng		99
75) Fluoranthene	18.98	202	912308	45.355	ng		99
77) Benzidine	19.19	184	476536	50.666	ng		98
78) Pyrene	19.35	202	940920	42.575	ng		99
80) Butylbenzylphthalate	20.27	149	413015	39.283	ng		93
81) Benzo(a)anthracene	21.12	228	972532	44.887	ng		100
82) 3,3'-Dichlorobenzidine	21.06	252	318021	36.741	ng		99
83) Chrysene	21.17	228	915208	43.917	ng		98
84) Bis(2-ethylhexyl)phthalate	21.05	149	610726	38.976	ng		97
85) Di-n-octyl phthalate	21.92	149	1085397	42.296	ng		99
86) Indeno(1,2,3-cd)pyrene	25.41	276	1283437	61.826	ng		99
88) Benzo(b)fluoranthene	22.64	252	1052063	45.089	ng		98
89) Benzo(k)fluoranthene	22.69	252	997113	42.910	ng		99
90) Benzo(a)pyrene	23.19	252	1040348	46.880	ng		99
91) Dibenzo(a,h)anthracene	25.42	278	1094751	53.255	ng		99
92) Benzo(g,h,i)perylene	26.06	276	1065930	54.854	ng		99

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

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