Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018486.D
Acq On : 09 Jan 2019 23:06
Operator : JU/SJ
Sample : K1071-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CPSB-15(20-25)MSD

Manual Integrations APPROVED
Sohil
1/10/2019 3:12:07 PM

Quant Time: Jan 10 06:36:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	542962	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	2287466	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	1332161	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	2914043	20.00	ng		0.00
76) Chrysene-d12	21.36	240	2196611	20.00	ng		0.00
87) Perylene-d12	23.64	264	2220364	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	3436265	116.86	ng		0.00
7) Phenol-d6	6.95	99	4512096	120.81	ng		0.01
23) Nitrobenzene-d5	8.93	82	2839915	71.97	ng		0.01
42) 2,4,6-Tribromophenol	15.91	330	1995375	117.64	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	6776987	66.38	ng		0.00
79) Terphenyl-d14	19.79	244	8138917	78.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	283050	23.618	ng		96
3) Pyridine	3.69	79	790682	26.462	ng		98
4) n-Nitrosodimethylamine	3.60	42	467058	37.801	ng	#	95
6) Aniline	7.12	93	203239	4.878	ng		97
8) 2-Chlorophenol	7.33	128	1368099	39.837	ng		95
9) Benzaldehyde	6.92	77	430685	17.158	ng		97
10) Phenol	6.97	94	1672039	44.057	ng		98
11) bis(2-Chloroethyl)ether	7.20	93	1364649	45.762	ng		87
12) 1,3-Dichlorobenzene	7.65	146	1411026	34.500	ng		98
13) 1,4-Dichlorobenzene	7.80	146	1450342	34.987	ng		98
14) 1,2-Dichlorobenzene	8.11	146	1412858	35.945	ng		99
15) Benzyl Alcohol	8.01	79	970698	35.985	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.28	45	1336117	35.060	ng		95
17) 2-Methylphenol	8.22	107	1072834	41.645	ng		99
18) Hexachloroethane	8.83	117	339509	22.971	ng		95
19) n-Nitroso-di-n-propylamine	8.57	70	888561	36.559	ng		92
20) 3+4-Methylphenols	8.54	107	1486284	41.793	ng		99
22) Acetophenone	8.59	105	1878504	33.197	ng	#	97
24) Nitrobenzene	8.97	77	1372870	35.361	ng		98
25) Isophorone	9.49	82	2455812	41.100	ng		98
26) 2-Nitrophenol	9.68	139	746556	39.767	ng		94
27) 2,4-Dimethylphenol	9.74	122	1225896	43.566	ng		97
28) bis(2-Chloroethoxy)methane	9.97	93	1497228	36.272	ng		99
29) 2,4-Dichlorophenol	10.22	162	1352969	40.379	ng		97
30) 1,2,4-Trichlorobenzene	10.42	180	1453925	34.959	ng		100
31) Naphthalene	10.61	128	4232930	38.424	ng		99
33) 4-Chloroaniline	10.75	127	980645	22.603	ng		98
34) Hexachlorobutadiene	10.87	225	858793	32.686	ng		98
35) Caprolactam	11.54	113	388965m	34.144	ng		
36) 4-Chloro-3-methylphenol	11.86	107	1394986	39.684	ng		100
37) 2-Methylnaphthalene	12.22	142	3157942	40.572	ng		99
38) 1-Methylnaphthalene	12.45	142	2987439	39.668	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1650222	35.424	ng		97
41) Hexachlorocyclopentadiene	12.56	237	42006	1.643	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.84	196	1129580	39.930	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	1204174	40.474	ng		97
46) 1,1'-Biphenyl	13.25	154	4002964	34.414	ng		99
47) 2-Chloronaphthalene	13.29	162	3148354	34.904	ng		99
48) 2-Nitroaniline	13.50	65	877471	39.541	ng		93
49) Acenaphthylene	14.14	152	4897959	37.261	ng		99
50) Dimethylphthalate	13.87	163	4319857	39.484	ng		99
51) 2,6-Dinitrotoluene	14.00	165	863259	37.250	ng		91
52) Acenaphthene	14.48	154	2970553	36.934	ng		99
53) 3-Nitroaniline	14.34	138	796877	34.107	ng		96
54) 2,4-Dinitrophenol	14.54	184	38277	9.978	ng		94
55) Dibenzofuran	14.82	168	4786760	36.020	ng		99
56) 4-Nitrophenol	14.66	139	1466832	72.672	ng		96
57) 2,4-Dinitrotoluene	14.79	165	1201918	36.655	ng		97
58) Fluorene	15.46	166	3904864	39.445	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	1052612	39.915	ng		98
60) Diethylphthalate	15.24	149	4044634	36.620	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	1981052	34.721	ng		99
62) 4-Nitroaniline	15.50	138	925519	36.317	ng		97
63) Azobenzene	15.75	77	3199004	35.525	ng		97
65) 4,6-Dinitro-2-methylphenol	15.55	198	187547	14.356	ng		93
66) n-Nitrosodiphenylamine	15.68	169	3430551	37.952	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	1207718	37.035	ng		97
68) Hexachlorobenzene	16.46	284	1298644	35.573	ng		100
69) Atrazine	16.63	200	1107054	33.877	ng		99
70) Pentachlorophenol	16.81	266	1266105	52.956	ng		99
71) Phenanthrene	17.21	178	5897354	38.048	ng		100
72) Anthracene	17.30	178	5920484	39.722	ng		100
73) Carbazole	17.57	167	5277883	34.467	ng		100
74) Di-n-butylphthalate	18.13	149	6923259	41.275	ng		99
75) Fluoranthene	19.23	202	5861903	32.803	ng		98
77) Benzidine	19.42	184	585730	10.799	ng		98
78) Pyrene	19.59	202	5768567	44.304	ng		99
80) Butylbenzylphthalate	20.49	149	2637702	47.475	ng		95
81) Benzo(a)anthracene	21.34	228	4967861	38.390	ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	1153327	23.569	ng		99
83) Chrysene	21.39	228	4664440	37.327	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3818220	47.592	ng		98
85) Di-n-octyl phthalate	22.16	149	5966567	44.218	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.97	276	5482474	38.048	ng		96
88) Benzo(b)fluoranthene	22.95	252	4722508	37.464	ng		99
89) Benzo(k)fluoranthene	23.00	252	4724029	37.187	ng		99
90) Benzo(a)pyrene	23.54	252	4638575	38.437	ng		98
91) Dibenzo(a,h)anthracene	25.99	278	4663779	38.141	ng		99
92) Benzo(g,h,i)perylene	26.69	276	4502123	37.835	ng		97

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

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