Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018999.D
Acq On : 01 Mar 2019 22:32
Operator : JU/SJ
Sample : K1675-33MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-BMSD

Manual Integrations APPROVED
Sohil
3/4/2019 4:53:06 PM

Quant Time: Mar 02 02:49:47 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	7.68	152	330512	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	1367619	20.00	ng		-0.04
39) Acenaphthene-d10	14.33	164	745326	20.00	ng		-0.03
64) Phenanthrene-d10	17.09	188	1478999	20.00	ng		-0.03
76) Chrysene-d12	21.29	240	1139312	20.00	ng		-0.02
87) Perylene-d12	23.53	264	1159062	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2304706	114.25	ng		-0.02
7) Phenol-d6	6.86	99	3286122	115.64	ng		-0.02
23) Nitrobenzene-d5	8.85	82	2051929	69.37	ng		-0.04
42) 2,4,6-Tribromophenol	15.83	330	1123545	104.58	ng		-0.03
45) 2-Fluorobiphenyl	12.95	172	3845027	68.48	ng		-0.03
79) Terphenyl-d14	19.72	244	4384567	79.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	238912	27.193	ng		98
3) Pyridine	3.63	79	682010	28.458	ng		99
4) n-Nitrosodimethylamine	3.55	42	237982	39.035	ng		89
6) Aniline	7.03	93	920109	26.426	ng		99
8) 2-Chlorophenol	7.25	128	821719	37.103	ng		99
9) Benzaldehyde	6.84	77	665243	43.969	ng		100
10) Phenol	6.89	94	1158832	38.756	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	780764	34.231	ng		100
12) 1,3-Dichlorobenzene	7.57	146	803258	32.255	ng		98
13) 1,4-Dichlorobenzene	7.72	146	831956	32.815	ng		100
14) 1,2-Dichlorobenzene	8.03	146	811044	33.304	ng		99
15) Benzyl Alcohol	7.93	79	810778	35.907	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	766955	34.742	ng		98
17) 2-Methylphenol	8.13	107	703643	36.974	ng		98
18) Hexachloroethane	8.75	117	304162	32.865	ng		98
19) n-Nitroso-di-n-propylamine	8.49	70	739528	33.611	ng		99
20) 3+4-Methylphenols	8.46	107	948153	36.080	ng		99
22) Acetophenone	8.52	105	1221026	32.511	ng	#	99
24) Nitrobenzene	8.89	77	1034328	33.690	ng		99
25) Isophorone	9.41	82	1824054	38.650	ng		99
26) 2-Nitrophenol	9.60	139	442585	36.199	ng		98
27) 2,4-Dimethylphenol	9.65	122	720256	40.334	ng		98
28) bis(2-Chloroethoxy)methane	9.89	93	1091231	35.757	ng		100
29) 2,4-Dichlorophenol	10.12	162	753664	36.756	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	791363	33.419	ng		99
31) Naphthalene	10.52	128	2421482	36.304	ng		99
32) Benzoic acid	9.75	122	65374	4.197	ng		92
33) 4-Chloroaniline	10.65	127	308627	10.351	ng		99
34) Hexachlorobutadiene	10.78	225	426214	31.009	ng		99
35) Caprolactam	11.46	113	225951m	27.001	ng		
36) 4-Chloro-3-methylphenol	11.77	107	846327	34.234	ng		98
37) 2-Methylnaphthalene	12.14	142	1752346	37.315	ng		99
38) 1-Methylnaphthalene	12.36	142	1661677	36.185	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	827404	34.703	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	876713	71.921 ng	98
43) 2,4,6-Trichlorophenol	12.76	196	587006	37.191 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	612566	37.028 ng	99
46) 1,1'-Biphenyl	13.16	154	2198563	34.269 ng	100
47) 2-Chloronaphthalene	13.20	162	1706343	34.435 ng	99
48) 2-Nitroaniline	13.43	65	570049	34.637 ng	100
49) Acenaphthylene	14.06	152	2724794	36.929 ng	99
50) Dimethylphthalate	13.80	163	2363080	38.043 ng	100
51) 2,6-Dinitrotoluene	13.93	165	464220	34.500 ng	97
52) Acenaphthene	14.40	154	1580754	34.939 ng	99
53) 3-Nitroaniline	14.26	138	299849	19.723 ng	100
54) 2,4-Dinitrophenol	14.47	184	334786	42.149 ng	98
55) Dibenzofuran	14.74	168	2509505	33.746 ng	98
56) 4-Nitrophenol	14.58	139	755667	62.264 ng	95
57) 2,4-Dinitrotoluene	14.72	165	632482	34.116 ng	98
58) Fluorene	15.39	166	2031378	35.706 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	525891	35.964 ng	99
60) Diethylphthalate	15.17	149	2080622	32.472 ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	1006903	31.567 ng	96
62) 4-Nitroaniline	15.44	138	424512	28.482 ng	99
63) Azobenzene	15.68	77	2246232	32.696 ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	309291	29.785 ng	99
66) n-Nitrosodiphenylamine	15.60	169	1732228	37.071 ng	99
67) 4-Bromophenyl-phenylether	16.28	248	584596	35.313 ng	99
68) Hexachlorobenzene	16.39	284	676849	35.175 ng	95
69) Atrazine	16.56	200	560663	37.218 ng	99
70) Pentachlorophenol	16.73	266	787663	63.573 ng	99
71) Phenanthrene	17.13	178	2900038	36.486 ng	99
72) Anthracene	17.22	178	2952569	38.165 ng	99
73) Carbazole	17.50	167	2564659	31.730 ng	99
74) Di-n-butylphthalate	18.05	149	3348184	36.019 ng	100
75) Fluoranthene	19.15	202	2922538	31.831 ng	98
77) Benzidine	19.35	184	1223127	47.669 ng	100
78) Pyrene	19.52	202	2905036	43.903 ng	99
80) Butylbenzylphthalate	20.42	149	1295277	42.952 ng	97
81) Benzo(a)anthracene	21.27	228	2383804	35.894 ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	766515	29.204 ng	99
83) Chrysene	21.32	228	2294109	36.039 ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1800203	40.787 ng	99
85) Di-n-octyl phthalate	22.07	149	2777978	37.448 ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	2976878	40.506 ng	100
88) Benzo(b)fluoranthene	22.85	252	2453556	36.999 ng	99
89) Benzo(k)fluoranthene	22.90	252	2349816	35.592 ng	99
90) Benzo(a)pyrene	23.43	252	2364803	37.643 ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2548629	40.949 ng	99
92) Benzo(g,h,i)perylene	26.50	276	2471386	42.652 ng	98

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

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