Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
Data File : BM018759.D
Acq On : 11 Feb 2019 15:45
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM021119

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Sohil
2/12/2019 12:11:47 PM

Quant Time: Feb 11 16:30:29 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	7.72	152	324197	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1365525	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	813953	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1874127	20.00	ng		0.00
76) Chrysene-d12	21.31	240	2055001	20.00	ng		0.00
87) Perylene-d12	23.57	264	2033170	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1612129	81.48	ng		0.00
7) Phenol-d6	6.89	99	2319058	83.20	ng		0.00
23) Nitrobenzene-d5	8.89	82	2415817	81.80	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	998361	85.09	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	4888370	79.72	ng		0.00
79) Terphenyl-d14	19.75	244	8426491	84.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	343835	39.898	ng		99
3) Pyridine	3.65	79	1028779	43.764	ng		99
4) n-Nitrosodimethylamine	3.58	42	259864	43.454	ng		97
6) Aniline	7.06	93	1413696	41.393	ng		99
8) 2-Chlorophenol	7.28	128	895089	41.203	ng		99
9) Benzaldehyde	6.87	77	634747	42.309	ng		98
10) Phenol	6.92	94	1213510	41.375	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	923665	41.285	ng		98
12) 1,3-Dichlorobenzene	7.60	146	984300	40.295	ng		98
13) 1,4-Dichlorobenzene	7.75	146	998128	40.137	ng		99
14) 1,2-Dichlorobenzene	8.06	146	964382	40.372	ng		98
15) Benzyl Alcohol	7.96	79	945864	42.706	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	872447	40.291	ng		99
17) 2-Methylphenol	8.16	107	774636	41.497	ng		97
18) Hexachloroethane	8.78	117	367699	40.504	ng		99
19) n-Nitroso-di-n-propylamine	8.53	70	911323	42.225	ng		100
20) 3+4-Methylphenols	8.49	107	1081352	41.951	ng		99
22) Acetophenone	8.55	105	1529523	40.787	ng	#	99
24) Nitrobenzene	8.93	77	1245551	40.632	ng		99
25) Isophorone	9.45	82	1985779	42.142	ng		99
26) 2-Nitrophenol	9.63	139	521729	42.738	ng		99
27) 2,4-Dimethylphenol	9.68	122	737004	41.335	ng		98
28) bis(2-Chloroethoxy)methane	9.93	93	1248995	40.989	ng		100
29) 2,4-Dichlorophenol	10.16	162	854887	41.756	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	947217	40.062	ng		98
31) Naphthalene	10.55	128	2660146	39.943	ng		100
32) Benzoic acid	9.85	122	678042m	43.595	ng		
33) 4-Chloroaniline	10.67	127	1250139	41.993	ng		99
34) Hexachlorobutadiene	10.82	225	545062	39.717	ng		99
35) Caprolactam	11.50	113	361525m	43.268	ng		
36) 4-Chloro-3-methylphenol	11.80	107	1044494	42.315	ng		99
37) 2-Methylnaphthalene	12.17	142	1910423	40.744	ng		99
38) 1-Methylnaphthalene	12.39	142	1873266	40.855	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1040775	39.972	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	532371	39.991 ng	99
43) 2,4,6-Trichlorophenol	12.79	196	724475	42.031 ng	99
44) 2,4,5-Trichlorophenol	12.86	196	767430	42.478 ng	98
46) 1,1'-Biphenyl	13.19	154	2807627	40.073 ng	99
47) 2-Chloronaphthalene	13.24	162	2169058	40.082 ng	100
48) 2-Nitroaniline	13.46	65	778168	43.297 ng	99
49) Acenaphthylene	14.09	152	3278788	40.690 ng	99
50) Dimethylphthalate	13.83	163	2756340	40.633 ng	99
51) 2,6-Dinitrotoluene	13.96	165	627029	42.671 ng	99
52) Acenaphthene	14.43	154	1977776	40.028 ng	99
53) 3-Nitroaniline	14.29	138	677852	40.827 ng	98
54) 2,4-Dinitrophenol	14.50	184	343974	39.996 ng	97
55) Dibenzofuran	14.76	168	3264131	40.193 ng	100
56) 4-Nitrophenol	14.60	139	556193	41.964 ng	99
57) 2,4-Dinitrotoluene	14.75	165	876529	43.294 ng	98
58) Fluorene	15.42	166	2515383	40.486 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	670021	41.957 ng	99
60) Diethylphthalate	15.19	149	2853719	40.782 ng	100
61) 4-Chlorophenyl-phenylether	15.42	204	1413573	40.579 ng	95
62) 4-Nitroaniline	15.46	138	674300	41.426 ng	99
63) Azobenzene	15.70	77	3104041	41.372 ng	99
65) 4,6-Dinitro-2-methylphenol	15.51	198	543217	41.283 ng	94
66) n-Nitrosodiphenylamine	15.63	169	2415530	40.795 ng	100
67) 4-Bromophenyl-phenylether	16.31	248	847375	40.394 ng	99
68) Hexachlorobenzene	16.41	284	982921	40.311 ng	100
69) Atrazine	16.59	200	757102	39.662 ng	99
70) Pentachlorophenol	16.76	266	680001	43.312 ng	99
71) Phenanthrene	17.16	178	4025697	39.970 ng	100
72) Anthracene	17.25	178	3991613	40.717 ng	100
73) Carbazole	17.53	167	4177971	40.792 ng	100
74) Di-n-butylphthalate	18.08	149	4937449	41.917 ng	100
75) Fluoranthene	19.18	202	4721028	40.579 ng	99
77) Benzidine	19.37	184	1862215	40.237 ng	100
78) Pyrene	19.54	202	4946692	41.446 ng	100
80) Butylbenzylphthalate	20.44	149	2348767	43.181 ng	99
81) Benzo(a)anthracene	21.29	228	4856609	40.543 ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1910235	40.349 ng	100
83) Chrysene	21.35	228	4648831	40.489 ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3409380	42.825 ng	100
85) Di-n-octyl phthalate	22.10	149	5657665	42.284 ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	4951162	37.350 ng	100
88) Benzo(b)fluoranthene	22.89	252	4763468	40.950 ng	99
89) Benzo(k)fluoranthene	22.93	252	4772792	41.213 ng	100
90) Benzo(a)pyrene	23.47	252	4490387	40.748 ng	99
91) Dibenzo(a,h)anthracene	25.87	278	4257843	38.999 ng	100
92) Benzo(g,h,i)perylene	26.57	276	3859105	37.968 ng	100

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

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