Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018395.D
Acq On : 27 Dec 2018 14:27
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM122718

Quant Time: Dec 27 16:53:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	303162	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	1340600	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	812195	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	1888632	20.00	ng		0.00
76) Chrysene-d12	21.37	240	2109480	20.00	ng		0.00
87) Perylene-d12	23.67	264	2248057	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1312482	81.62	ng		0.00
7) Phenol-d6	6.95	99	1860555	83.33	ng		0.00
23) Nitrobenzene-d5	8.95	82	1906701	81.63	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	859398	83.28	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	4827240	80.50	ng		0.00
79) Terphenyl-d14	19.82	244	8320817	84.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	255330	38.990	ng		99
3) Pyridine	3.69	79	754771	41.785	ng		99
4) n-Nitrosodimethylamine	3.62	42	291755	39.613	ng		100
6) Aniline	7.12	93	1139117	40.903	ng		98
8) 2-Chlorophenol	7.35	128	798355	41.171	ng		99
9) Benzaldehyde	6.94	77	595853	38.012	ng		99
10) Phenol	6.97	94	946749	41.216	ng		100
11) bis(2-Chloroethyl)ether	7.22	93	746978	41.718	ng		98
12) 1,3-Dichlorobenzene	7.67	146	911827	40.030	ng		99
13) 1,4-Dichlorobenzene	7.82	146	926570	40.038	ng		99
14) 1,2-Dichlorobenzene	8.13	146	902879	39.763	ng		100
15) Benzyl Alcohol	8.03	79	722970	41.715	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	1134440	39.786	ng		99
17) 2-Methylphenol	8.22	107	670799	41.222	ng		98
18) Hexachloroethane	8.86	117	332995	40.313	ng		98
19) n-Nitroso-di-n-propylamine	8.60	70	688614	40.485	ng		98
20) 3+4-Methylphenols	8.55	107	922865	42.272	ng		98
22) Acetophenone	8.61	105	1367135	40.167	ng	#	99
24) Nitrobenzene	8.99	77	943743	40.828	ng		98
25) Isophorone	9.51	82	1641987	40.526	ng		100
26) 2-Nitrophenol	9.70	139	395710	41.062	ng		98
27) 2,4-Dimethylphenol	9.75	122	682799	40.686	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	1046932	41.170	ng		99
29) 2,4-Dichlorophenol	10.22	162	810447	43.664	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	923936	40.635	ng		99
31) Naphthalene	10.63	128	2608577	40.371	ng		99
32) Benzoic acid	9.88	122	365465	39.674	ng		96
33) 4-Chloroaniline	10.75	127	1204976	40.704	ng		99
34) Hexachlorobutadiene	10.90	225	548894	39.757	ng		98
35) Caprolactam	11.53	113	279699	40.774	ng		98
36) 4-Chloro-3-methylphenol	11.86	107	901412	42.844	ng		100
37) 2-Methylnaphthalene	12.25	142	1895969	40.070	ng		99
38) 1-Methylnaphthalene	12.47	142	1850039	40.222	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	1027957	40.428	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	519704	42.153 ng	99
43) 2,4,6-Trichlorophenol	12.85	196	637568	44.143 ng	99
44) 2,4,5-Trichlorophenol	12.92	196	667190	42.272 ng	98
46) 1,1'-Biphenyl	13.26	154	2788906	40.183 ng	100
47) 2-Chloronaphthalene	13.30	162	2139226	40.243 ng	99
48) 2-Nitroaniline	13.52	65	603870	42.335 ng	100
49) Acenaphthylene	14.16	152	3315038	40.507 ng	99
50) Dimethylphthalate	13.90	163	2763264	40.723 ng	100
51) 2,6-Dinitrotoluene	14.02	165	590022	41.431 ng	96
52) Acenaphthene	14.50	154	1973866	39.966 ng	100
53) 3-Nitroaniline	14.35	138	661328	41.756 ng	100
54) 2,4-Dinitrophenol	14.55	184	166587	43.777 ng	92
55) Dibenzofuran	14.83	168	3238453	40.074 ng	100
56) 4-Nitrophenol	14.64	139	508895	40.312 ng	96
57) 2,4-Dinitrotoluene	14.80	165	815149	42.304 ng	98
58) Fluorene	15.49	166	2504669	39.792 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.05	232	611808	41.974 ng	100
60) Diethylphthalate	15.26	149	2899070	40.847 ng	99
61) 4-Chlorophenyl-phenylether	15.48	204	1367588	39.546 ng	99
62) 4-Nitroaniline	15.52	138	704564	41.794 ng	97
63) Azobenzene	15.77	77	2571158	39.748 ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	334108	43.423 ng	90
66) n-Nitrosodiphenylamine	15.70	169	2399393	40.763 ng	99
67) 4-Bromophenyl-phenylether	16.37	248	836888	40.691 ng	97
68) Hexachlorobenzene	16.47	284	943727	40.508 ng	99
69) Atrazine	16.65	200	926804	42.475 ng	99
70) Pentachlorophenol	16.82	266	600004	44.167 ng	98
71) Phenanthrene	17.22	178	4062482	40.634 ng	100
72) Anthracene	17.32	178	4031711	40.481 ng	100
73) Carbazole	17.59	167	4256790	40.697 ng	99
74) Di-n-butylphthalate	18.16	149	5077855	42.714 ng	100
75) Fluoranthene	19.24	202	4835813	40.843 ng	99
77) Benzidine	19.44	184	2538365	42.097 ng	99
78) Pyrene	19.61	202	5051900	41.259 ng	100
80) Butylbenzylphthalate	20.52	149	2222916	41.135 ng	98
81) Benzo(a)anthracene	21.36	228	5033392	40.625 ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	2085090	43.804 ng	98
83) Chrysene	21.42	228	4853089	40.600 ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	3485221	42.223 ng	99
85) Di-n-octyl phthalate	22.19	149	5828772	42.721 ng	99
86) Indeno(1,2,3-cd)pyrene	26.01	276	6075055	41.058 ng	100
88) Benzo(b)fluoranthene	22.98	252	5128094	40.897 ng	100
89) Benzo(k)fluoranthene	23.03	252	5147142	41.042 ng	100
90) Benzo(a)pyrene	23.57	252	4953759	41.126 ng	100
91) Dibenzo(a,h)anthracene	26.03	278	5146790	41.031 ng	100
92) Benzo(g,h,i)perylene	26.73	276	4924012	40.997 ng	100

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

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