Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020662.D
Acq On : 03 Jun 2019 08:45
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jun 04 04:07:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	250277	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1066853	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	559816	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	1144707	20.00	ng		0.00
76) Chrysene-d12	21.39	240	999544	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1129590	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1185809	83.34	ng		0.00
7) Phenol-d6	6.99	99	1643840	78.47	ng		0.00
23) Nitrobenzene-d5	8.99	82	1700567	82.59	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	556835	80.28	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	3558876	84.52	ng		0.00
79) Terphenyl-d14	19.83	244	4616362	77.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	247749	42.531	ng		98
3) Pyridine	3.74	79	782811	42.237	ng		99
4) n-Nitrosodimethylamine	3.66	42	310627	38.880	ng		95
6) Aniline	7.16	93	1170094	38.600	ng		99
8) 2-Chlorophenol	7.39	128	704359	39.794	ng		99
9) Benzaldehyde	6.97	77	482815	39.415	ng		99
10) Phenol	7.02	94	884222	39.165	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	702895	39.066	ng		99
12) 1,3-Dichlorobenzene	7.72	146	828012	40.704	ng		99
13) 1,4-Dichlorobenzene	7.86	146	834965	40.375	ng		100
14) 1,2-Dichlorobenzene	8.18	146	799279	39.715	ng		99
15) Benzyl Alcohol	8.07	79	679383	36.657	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1011953	36.429	ng		99
17) 2-Methylphenol	8.26	107	599941	37.790	ng		98
18) Hexachloroethane	8.90	117	310089	39.164	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	591348	35.115	ng		98
20) 3+4-Methylphenols	8.59	107	803112	37.181	ng		99
22) Acetophenone	8.65	105	1084420	40.013	ng	#	98
24) Nitrobenzene	9.03	77	865694	41.183	ng		98
25) Isophorone	9.55	82	1531293	37.386	ng		99
26) 2-Nitrophenol	9.74	139	345855	44.146	ng		98
27) 2,4-Dimethylphenol	9.79	122	585308	39.871	ng		98
28) bis(2-Chloroethoxy)methane	10.04	93	956908	38.639	ng		99
29) 2,4-Dichlorophenol	10.26	162	650808	40.070	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	764434	40.932	ng		100
31) Naphthalene	10.67	128	2215690	40.387	ng		99
32) Benzoic acid	9.92	122	361590	40.081	ng		97
33) 4-Chloroaniline	10.78	127	991809	38.846	ng		98
34) Hexachlorobutadiene	10.95	225	452509	40.382	ng		98
35) Caprolactam	11.57	113	212085	37.588	ng		99
36) 4-Chloro-3-methylphenol	11.90	107	698847	37.008	ng		99
37) 2-Methylnaphthalene	12.28	142	1561234	38.393	ng		99
38) 1-Methylnaphthalene	12.50	142	1471599	38.006	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	775196	42.255	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	381556	34.775 ng	98
43) 2,4,6-Trichlorophenol	12.89	196	502739	42.573 ng	98
44) 2,4,5-Trichlorophenol	12.96	196	525432	43.099 ng	96
46) 1,1'-Biphenyl	13.30	154	1967794	42.088 ng	99
47) 2-Chloronaphthalene	13.34	162	1588224	42.089 ng	99
48) 2-Nitroaniline	13.55	65	497174	41.978 ng	91
49) Acenaphthylene	14.19	152	2411977	40.966 ng	100
50) Dimethylphthalate	13.93	163	1893875	39.598 ng	100
51) 2,6-Dinitrotoluene	14.05	165	396083	40.785 ng	96
52) Acenaphthene	14.53	154	1430560	40.772 ng	99
53) 3-Nitroaniline	14.37	138	445368	41.087 ng	96
54) 2,4-Dinitrophenol	14.58	184	142150	38.196 ng	94
55) Dibenzofuran	14.86	168	2187804	40.147 ng	100
56) 4-Nitrophenol	14.67	139	320663	40.144 ng	95
57) 2,4-Dinitrotoluene	14.83	165	525750	40.432 ng	96
58) Fluorene	15.52	166	1774449	39.595 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	430883	40.560 ng	99
60) Diethylphthalate	15.29	149	1878802	38.088 ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	917229	38.656 ng	98
62) 4-Nitroaniline	15.54	138	463152	40.288 ng	95
63) Azobenzene	15.80	77	1796991	37.999 ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	192621	39.002 ng	97
66) n-Nitrosodiphenylamine	15.73	169	1508148	41.156 ng	100
67) 4-Bromophenyl-phenylether	16.40	248	542650	40.263 ng	98
68) Hexachlorobenzene	16.51	284	636810	40.463 ng	98
69) Atrazine	16.67	200	463851	42.412 ng	98
70) Pentachlorophenol	16.85	266	323506	43.088 ng	100
71) Phenanthrene	17.25	178	2647514	40.803 ng	99
72) Anthracene	17.34	178	2619258	40.332 ng	100
73) Carbazole	17.62	167	2391789	40.585 ng	100
74) Di-n-butylphthalate	18.18	149	2991270	39.100 ng	100
75) Fluoranthene	19.26	202	2880521	39.920 ng	99
77) Benzidine	19.46	184	1298098	42.860 ng	100
78) Pyrene	19.63	202	2930060	38.200 ng	100
80) Butylbenzylphthalate	20.53	149	1256014	38.748 ng	96
81) Benzo(a)anthracene	21.37	228	2798849	40.209 ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	1079811	42.363 ng	99
83) Chrysene	21.42	228	2684370	40.570 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1814443	38.514 ng	100
85) Di-n-octyl phthalate	22.20	149	3033704	40.560 ng	99
86) Indeno(1,2,3-cd)pyrene	26.01	276	3400867	50.241 ng	100
88) Benzo(b)fluoranthene	22.99	252	2888490	38.689 ng	100
89) Benzo(k)fluoranthene	23.03	252	2768614	37.947 ng	100
90) Benzo(a)pyrene	23.58	252	2681113	39.591 ng	100
91) Dibenzo(a,h)anthracene	26.02	278	2827066	43.030 ng	99
92) Benzo(g,h,i)perylene	26.71	276	2669736	43.748 ng	99

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

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