Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020726.D
Acq On : 05 Jun 2019 08:49
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 05 18:18:31 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	7.82	152	272517	20.00	ng		-0.01
21) Naphthalene-d8	10.62	136	1187306	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	655489	20.00	ng		-0.02
64) Phenanthrene-d10	17.20	188	1335722	20.00	ng		-0.01
76) Chrysene-d12	21.38	240	1171888	20.00	ng		-0.02
87) Perylene-d12	23.67	264	1298932	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1224034	79.01	ng		-0.01
7) Phenol-d6	6.99	99	1717335	75.28	ng		0.00
23) Nitrobenzene-d5	8.99	82	1823384	79.57	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	657385	80.94	ng		-0.01
45) 2-Fluorobiphenyl	13.08	172	4052345	82.19	ng		-0.01
79) Terphenyl-d14	19.83	244	5212961	74.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	254047	40.053	ng		96
3) Pyridine	3.74	79	813763	40.324	ng		96
4) n-Nitrosodimethylamine	3.66	42	314212	36.119	ng		96
6) Aniline	7.16	93	1223555	37.070	ng		99
8) 2-Chlorophenol	7.39	128	743564	38.581	ng		98
9) Benzaldehyde	6.97	77	506107	37.466	ng		97
10) Phenol	7.01	94	929337	37.804	ng		98
11) bis(2-Chloroethyl)ether	7.25	93	738704	37.705	ng		97
12) 1,3-Dichlorobenzene	7.71	146	871046	39.325	ng		98
13) 1,4-Dichlorobenzene	7.86	146	878901	39.031	ng		98
14) 1,2-Dichlorobenzene	8.17	146	861018	39.291	ng		99
15) Benzyl Alcohol	8.06	79	717125	35.535	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1036496	34.268	ng		99
17) 2-Methylphenol	8.26	107	638794	36.953	ng		99
18) Hexachloroethane	8.89	117	322876	37.451	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	634282	34.590	ng		96
20) 3+4-Methylphenols	8.59	107	855531	36.376	ng		99
22) Acetophenone	8.65	105	1171168	38.829	ng	#	97
24) Nitrobenzene	9.03	77	913739	39.059	ng		97
25) Isophorone	9.55	82	1646739	36.126	ng		99
26) 2-Nitrophenol	9.73	139	370498	42.494	ng		99
27) 2,4-Dimethylphenol	9.79	122	628449	38.466	ng		100
28) bis(2-Chloroethoxy)methane	10.03	93	1045405	37.930	ng		99
29) 2,4-Dichlorophenol	10.26	162	722038	39.945	ng		97
30) 1,2,4-Trichlorobenzene	10.47	180	851814	40.984	ng		99
31) Naphthalene	10.66	128	2407521	39.432	ng		99
32) Benzoic acid	9.92	122	386755m	38.721	ng		
33) 4-Chloroaniline	10.77	127	1083021	38.115	ng		98
34) Hexachlorobutadiene	10.94	225	514470	41.254	ng		99
35) Caprolactam	11.56	113	224337	35.725	ng		98
36) 4-Chloro-3-methylphenol	11.89	107	765261	36.414	ng		99
37) 2-Methylnaphthalene	12.27	142	1738091	38.406	ng		99
38) 1-Methylnaphthalene	12.49	142	1638241	38.018	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	898262	41.817	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	439196	34.186 ng	99
43) 2,4,6-Trichlorophenol	12.88	196	578657	41.850 ng	99
44) 2,4,5-Trichlorophenol	12.95	196	596853	41.812 ng	96
46) 1,1'-Biphenyl	13.29	154	2211862	40.404 ng	99
47) 2-Chloronaphthalene	13.33	162	1791557	40.548 ng	99
48) 2-Nitroaniline	13.54	65	527849	38.063 ng	93
49) Acenaphthylene	14.18	152	2710702	39.320 ng	100
50) Dimethylphthalate	13.92	163	2136978	38.159 ng	99
51) 2,6-Dinitrotoluene	14.04	165	449430	39.524 ng	91
52) Acenaphthene	14.52	154	1613993	39.286 ng	98
53) 3-Nitroaniline	14.37	138	490785	38.668 ng	95
54) 2,4-Dinitrophenol	14.57	184	133069	31.993 ng	92
55) Dibenzofuran	14.86	168	2494564	39.095 ng	99
56) 4-Nitrophenol	14.67	139	345278	36.917 ng	92
57) 2,4-Dinitrotoluene	14.83	165	591834	38.871 ng	95
58) Fluorene	15.51	166	1988993	37.905 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	498236	40.055 ng	97
60) Diethylphthalate	15.29	149	2096679	36.301 ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1065581	38.353 ng	96
62) 4-Nitroaniline	15.53	138	499063	37.075 ng	94
63) Azobenzene	15.80	77	1921608	34.703 ng	97
65) 4,6-Dinitro-2-methylphenol	15.59	198	207086	36.626 ng	93
66) n-Nitrosodiphenylamine	15.72	169	1693386	39.603 ng	99
67) 4-Bromophenyl-phenylether	16.40	248	625784	39.791 ng	95
68) Hexachlorobenzene	16.50	284	743663	40.495 ng	96
69) Atrazine	16.67	200	520025	40.748 ng	99
70) Pentachlorophenol	16.85	266	366642	41.850 ng	99
71) Phenanthrene	17.24	178	2968896	39.212 ng	99
72) Anthracene	17.34	178	2926854	38.623 ng	99
73) Carbazole	17.61	167	2631280	38.264 ng	99
74) Di-n-butylphthalate	18.17	149	3193579	35.775 ng	99
75) Fluoranthene	19.26	202	3231433	38.379 ng	100
77) Benzidine	19.45	184	1346442	37.918 ng	100
78) Pyrene	19.62	202	3308963	36.795 ng	99
80) Butylbenzylphthalate	20.52	149	1296798	34.123 ng	97
81) Benzo(a)anthracene	21.36	228	3188101	39.066 ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	1191527	39.871 ng	99
83) Chrysene	21.42	228	3072900	39.612 ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1818464	32.923 ng	99
85) Di-n-octyl phthalate	22.19	149	3035802	34.619 ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	3806550m	47.964 ng	
88) Benzo(b)fluoranthene	22.97	252	3212162	37.415 ng	99
89) Benzo(k)fluoranthene	23.03	252	3247278	38.705 ng	99
90) Benzo(a)pyrene	23.57	252	3033848	38.960 ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3187844	42.196 ng	98
92) Benzo(g,h,i)perylene	26.70	276	2984865	42.536 ng	99

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

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