Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020552.D
Acq On : 24 May 2019 21:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 25 05:25:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	49669	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	207292	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	158769	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	450391	20.00	ng		0.00
76) Chrysene-d12	21.27	240	588183	20.00	ng		0.00
87) Perylene-d12	23.50	264	657414	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	203640	80.43	ng		0.00
7) Phenol-d6	6.84	99	309179	80.91	ng		0.00
23) Nitrobenzene-d5	8.83	82	399686	80.93	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	261443	82.19	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	997860	78.86	ng		0.00
79) Terphenyl-d14	19.70	244	2540212	78.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	57932	43.727	ng		98
3) Pyridine	3.58	79	166869	42.669	ng		99
4) n-Nitrosodimethylamine	3.50	42	37236	39.632	ng		95
6) Aniline	7.00	93	218593	39.544	ng		99
8) 2-Chlorophenol	7.22	128	121637	39.290	ng		96
9) Benzaldehyde	6.82	77	100608	41.239	ng		98
10) Phenol	6.87	94	166166	40.269	ng		95
11) bis(2-Chloroethyl)ether	7.10	93	119504	38.808	ng		98
12) 1,3-Dichlorobenzene	7.55	146	158784	40.049	ng		99
13) 1,4-Dichlorobenzene	7.70	146	158398	39.969	ng		97
14) 1,2-Dichlorobenzene	8.00	146	157819	39.723	ng		96
15) Benzyl Alcohol	7.92	79	136420	38.580	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	83871	39.078	ng		97
17) 2-Methylphenol	8.11	107	106418	39.063	ng		97
18) Hexachloroethane	8.72	117	66949	41.704	ng		95
19) n-Nitroso-di-n-propylamine	8.47	70	136617	40.262	ng		98
20) 3+4-Methylphenols	8.45	107	146484	40.095	ng		95
22) Acetophenone	8.49	105	226926	39.754	ng	#	98
24) Nitrobenzene	8.87	77	197698	40.533	ng		96
25) Isophorone	9.39	82	371381	40.413	ng		99
26) 2-Nitrophenol	9.58	139	68150	37.868	ng		98
27) 2,4-Dimethylphenol	9.63	122	104315	38.910	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	186217	38.927	ng		98
29) 2,4-Dichlorophenol	10.11	162	143542	40.257	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	200904	41.208	ng		95
31) Naphthalene	10.50	128	427565	39.947	ng		99
32) Benzoic acid	9.80	122	50294	32.290	ng		92
33) 4-Chloroaniline	10.63	127	162426	38.021	ng		98
34) Hexachlorobutadiene	10.76	225	154061	42.503	ng		99
35) Caprolactam	11.45	113	41658	35.498	ng		94
36) 4-Chloro-3-methylphenol	11.76	107	155642	40.112	ng		96
37) 2-Methylnaphthalene	12.12	142	327400	40.040	ng		98
38) 1-Methylnaphthalene	12.34	142	316789	39.986	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	267295	40.049	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	108402	38.007 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	162866	39.432 ng	99
44) 2,4,5-Trichlorophenol	12.82	196	150179	38.937 ng	97
46) 1,1'-Biphenyl	13.15	154	472765	38.663 ng	100
47) 2-Chloronaphthalene	13.19	162	405792	39.147 ng	98
48) 2-Nitroaniline	13.42	65	118983	37.918 ng	93
49) Acenaphthylene	14.04	152	617148	39.150 ng	99
50) Dimethylphthalate	13.79	163	560361	39.846 ng	99
51) 2,6-Dinitrotoluene	13.92	165	116522	39.754 ng	90
52) Acenaphthene	14.38	154	375131	39.490 ng	100
53) 3-Nitroaniline	14.26	138	92998	37.050 ng	96
54) 2,4-Dinitrophenol	14.47	184	56622	36.536 ng	97
55) Dibenzofuran	14.72	168	653901	39.779 ng	98
56) 4-Nitrophenol	14.58	139	60093	36.500 ng	97
57) 2,4-Dinitrotoluene	14.72	165	170362	40.250 ng	96
58) Fluorene	15.37	166	547837	40.119 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.95	232	182113	40.578 ng	98
60) Diethylphthalate	15.14	149	558826	40.332 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	354335	40.646 ng	98
62) 4-Nitroaniline	15.43	138	87163	35.378 ng	100
63) Azobenzene	15.66	77	561449	41.643 ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	104248	38.051 ng	98
66) n-Nitrosodiphenylamine	15.59	169	476396	39.010 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	238456	39.743 ng	98
68) Hexachlorobenzene	16.36	284	292327	40.184 ng	98
69) Atrazine	16.54	200	207175	41.233 ng	98
70) Pentachlorophenol	16.72	266	151089	40.209 ng	99
71) Phenanthrene	17.12	178	966296	39.493 ng	99
72) Anthracene	17.20	178	919896	38.768 ng	99
73) Carbazole	17.49	167	794860	39.034 ng	99
74) Di-n-butylphthalate	18.03	149	998906	39.877 ng	100
75) Fluoranthene	19.13	202	1370114	40.268 ng	100
77) Benzidine	19.34	184	400324	37.035 ng	98
78) Pyrene	19.50	202	1420476	38.468 ng	99
80) Butylbenzylphthalate	20.40	149	494116	38.083 ng	97
81) Benzo(a)anthracene	21.25	228	1591340	39.091 ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	580038	39.038 ng	99
83) Chrysene	21.30	228	1565123	39.789 ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	729312	38.568 ng	99
85) Di-n-octyl phthalate	22.04	149	1285427	39.101 ng	99
86) Indeno(1,2,3-cd)pyrene	25.78	276	1910693	40.173 ng	100
88) Benzo(b)fluoranthene	22.83	252	1657401	38.519 ng	99
89) Benzo(k)fluoranthene	22.87	252	1730344	41.434 ng	100
90) Benzo(a)pyrene	23.41	252	1578316	39.861 ng	99
91) Dibenzo(a,h)anthracene	25.79	278	1611575	39.761 ng	98
92) Benzo(g,h,i)perylene	26.48	276	1493557	39.752 ng	98

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

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