Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005124.D
Acq On : 10 Apr 2019 12:56
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Apr 11 07:30:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	11718	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	51704	20.00	ng		-0.03
39) Acenaphthene-d10	14.30	164	29674	20.00	ng		-0.02
64) Phenanthrene-d10	17.05	188	66064	20.00	ng		-0.02
76) Chrysene-d12	21.26	240	75253	20.00	ng		-0.01
87) Perylene-d12	23.49	264	75967	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	52395	77.30	ng		-0.03
7) Phenol-d6	6.83	99	71353	79.37	ng		-0.02
23) Nitrobenzene-d5	8.82	82	66683	78.02	ng		-0.02
42) 2,4,6-Tribromophenol	15.80	330	43043	89.94	ng		-0.02
45) 2-Fluorobiphenyl	12.92	172	183571	81.98	ng		-0.02
79) Terphenyl-d14	19.69	244	301560	77.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	8766	35.491	ng		97
3) Pyridine	3.57	79	27173	39.368	ng		97
4) n-Nitrosodimethylamine	3.50	42	8412	37.384	ng		99
6) Aniline	6.99	93	45177	39.464	ng		98
8) 2-Chlorophenol	7.22	128	34603	40.218	ng		99
9) Benzaldehyde	6.81	77	19548	37.842	ng		98
10) Phenol	6.86	94	37791	39.232	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	29336	39.382	ng		98
12) 1,3-Dichlorobenzene	7.54	146	37265	39.753	ng		99
13) 1,4-Dichlorobenzene	7.69	146	37894	39.936	ng		99
14) 1,2-Dichlorobenzene	8.00	146	36789	40.513	ng		100
15) Benzyl Alcohol	7.90	79	26631	38.938	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	31965	35.567	ng		98
17) 2-Methylphenol	8.10	107	27062	40.299	ng		99
18) Hexachloroethane	8.71	117	12994	38.635	ng		100
19) n-Nitroso-di-n-propylamine	8.46	70	22569	38.297	ng		97
20) 3+4-Methylphenols	8.43	107	36532	40.066	ng		99
22) Acetophenone	8.48	105	47631	40.356	ng	#	98
24) Nitrobenzene	8.86	77	33411	38.625	ng		96
25) Isophorone	9.38	82	63692	38.251	ng		98
26) 2-Nitrophenol	9.56	139	20338	40.493	ng		96
27) 2,4-Dimethylphenol	9.62	122	28085	40.163	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	40501	39.257	ng		99
29) 2,4-Dichlorophenol	10.09	162	33420	41.583	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	36840	41.612	ng		100
31) Naphthalene	10.49	128	108830	40.343	ng		100
32) Benzoic acid	9.82	122	17001	32.255	ng		96
33) 4-Chloroaniline	10.61	127	45299	41.273	ng		99
34) Hexachlorobutadiene	10.75	225	23840	41.617	ng		99
35) Caprolactam	11.43	113	9913	37.669	ng		93
36) 4-Chloro-3-methylphenol	11.74	107	34914	40.214	ng		99
37) 2-Methylnaphthalene	12.10	142	78073	40.985	ng		99
38) 1-Methylnaphthalene	12.33	142	76467	41.024	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	43413	41.247	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	22672	40.420	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	26068	39.915	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	27727	38.971	ng		96
46) 1,1'-Biphenyl	13.13	154	103004	41.013	ng		99
47) 2-Chloronaphthalene	13.18	162	78841	40.908	ng		99
48) 2-Nitroaniline	13.40	65	19710	38.418	ng		92
49) Acenaphthylene	14.03	152	130857	40.368	ng		100
50) Dimethylphthalate	13.78	163	98936	40.582	ng		99
51) 2,6-Dinitrotoluene	13.90	165	22721	40.957	ng		95
52) Acenaphthene	14.37	154	73758	40.449	ng		99
53) 3-Nitroaniline	14.23	138	22865	40.327	ng		95
54) 2,4-Dinitrophenol	14.45	184	11139	37.841	ng		95
55) Dibenzofuran	14.70	168	118472	40.830	ng		99
56) 4-Nitrophenol	14.55	139	15955	35.720	ng		99
57) 2,4-Dinitrotoluene	14.69	165	31505	41.789	ng		98
58) Fluorene	15.36	166	96376	41.117	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	27038	40.987	ng	#	98
60) Diethylphthalate	15.13	149	98904	40.655	ng		99
61) 4-Chlorophenyl-phenylether	15.35	204	49953	41.311	ng		97
62) 4-Nitroaniline	15.41	138	23064	40.486	ng		98
63) Azobenzene	15.65	77	76872	37.959	ng		96
65) 4,6-Dinitro-2-methylphenol	15.46	198	16318	37.484	ng		96
66) n-Nitrosodiphenylamine	15.57	169	84546	40.628	ng		99
67) 4-Bromophenyl-phenylether	16.25	248	34432	41.765	ng		98
68) Hexachlorobenzene	16.35	284	41735	43.210	ng		97
69) Atrazine	16.53	200	30004	40.357	ng		100
70) Pentachlorophenol	16.70	266	20560	40.486	ng		99
71) Phenanthrene	17.10	178	150970	40.670	ng		100
72) Anthracene	17.19	178	152277	41.214	ng		100
73) Carbazole	17.47	167	138708	41.244	ng		100
74) Di-n-butylphthalate	18.02	149	172881	42.198	ng		100
75) Fluoranthene	19.12	202	180759	42.684	ng		99
77) Benzidine	19.32	184	83492	35.601	ng		99
78) Pyrene	19.49	202	184894	36.796	ng		100
80) Butylbenzylphthalate	20.39	149	80158	39.260	ng		95
81) Benzo(a)anthracene	21.25	228	188813	40.280	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	70024	39.948	ng		98
83) Chrysene	21.30	228	182753	40.817	ng		100
84) Bis(2-ethylhexyl)phthalate	21.16	149	119120	42.167	ng		100
85) Di-n-octyl phthalate	22.04	149	205462	45.067	ng		97
86) Indeno(1,2,3-cd)pyrene	25.76	276	201465	39.607	ng		100
88) Benzo(b)fluoranthene	22.83	252	190088	40.652	ng		99
89) Benzo(k)fluoranthene	22.87	252	177631	41.425	ng		99
90) Benzo(a)pyrene	23.40	252	171575	40.097	ng		100
91) Dibenzo(a,h)anthracene	25.76	278	165918	38.623	ng		99
92) Benzo(g,h,i)perylene	26.44	276	161501	38.015	ng		98

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

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