Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040919\
Data File : BN005114.D
Acq On : 09 Apr 2019 16:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Apr 10 01:15:50 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	8521	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	38754	20.00	ng		-0.03
39) Acenaphthene-d10	14.30	164	22749	20.00	ng		-0.02
64) Phenanthrene-d10	17.05	188	50474	20.00	ng		-0.02
76) Chrysene-d12	21.26	240	51017	20.00	ng		-0.02
87) Perylene-d12	23.49	264	46047	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	38961	79.05	ng		-0.03
7) Phenol-d6	6.83	99	52994	81.07	ng		-0.03
23) Nitrobenzene-d5	8.82	82	50185	78.33	ng		-0.03
42) 2,4,6-Tribromophenol	15.80	330	32622	88.91	ng		-0.02
45) 2-Fluorobiphenyl	12.92	172	142178	82.82	ng		-0.02
79) Terphenyl-d14	19.69	244	227306	85.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	6583	36.652	ng		97
3) Pyridine	3.57	79	19882	39.612	ng		98
4) n-Nitrosodimethylamine	3.50	42	5990	36.608	ng	#	95
6) Aniline	6.99	93	33645	40.418	ng		99
8) 2-Chlorophenol	7.22	128	25692	41.064	ng		99
9) Benzaldehyde	6.80	77	14414	38.372	ng		99
10) Phenol	6.86	94	28112	40.133	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	21879	40.391	ng		100
12) 1,3-Dichlorobenzene	7.53	146	27481	40.315	ng		98
13) 1,4-Dichlorobenzene	7.69	146	27924	40.470	ng		99
14) 1,2-Dichlorobenzene	8.00	146	27336	41.397	ng		99
15) Benzyl Alcohol	7.90	79	20020	40.255	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	24401	37.338	ng		97
17) 2-Methylphenol	8.09	107	20208	41.383	ng		99
18) Hexachloroethane	8.71	117	9708	39.695	ng		98
19) n-Nitroso-di-n-propylamine	8.46	70	17297	40.363	ng		97
20) 3+4-Methylphenols	8.42	107	27304	41.181	ng		98
22) Acetophenone	8.48	105	35829	40.501	ng	#	98
24) Nitrobenzene	8.86	77	25286	39.000	ng		99
25) Isophorone	9.38	82	48917	39.194	ng		97
26) 2-Nitrophenol	9.56	139	15355	40.787	ng		97
27) 2,4-Dimethylphenol	9.62	122	21237	40.518	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	31276	40.446	ng		100
29) 2,4-Dichlorophenol	10.09	162	25242	41.903	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	27628	41.635	ng		98
31) Naphthalene	10.49	128	82987	41.043	ng		100
32) Benzoic acid	9.79	122	13571	33.980	ng		96
33) 4-Chloroaniline	10.60	127	34346	41.751	ng		99
34) Hexachlorobutadiene	10.75	225	17746	41.331	ng		99
35) Caprolactam	11.41	113	8099	41.060	ng		90
36) 4-Chloro-3-methylphenol	11.74	107	26300	40.415	ng		96
37) 2-Methylnaphthalene	12.10	142	59810	41.890	ng		99
38) 1-Methylnaphthalene	12.33	142	58217	41.669	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	33145	41.078	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	18455	42.640	ng		97
43) 2,4,6-Trichlorophenol	12.73	196	20224	40.394	ng		98
44) 2,4,5-Trichlorophenol	12.80	196	21788	39.946	ng		98
46) 1,1'-Biphenyl	13.13	154	79403	41.240	ng		99
47) 2-Chloronaphthalene	13.17	162	60610	41.022	ng		98
48) 2-Nitroaniline	13.39	65	14901	37.886	ng		95
49) Acenaphthylene	14.02	152	100762	40.547	ng		99
50) Dimethylphthalate	13.77	163	77283	41.350	ng		99
51) 2,6-Dinitrotoluene	13.90	165	17350	40.796	ng		93
52) Acenaphthene	14.37	154	57579	41.188	ng		99
53) 3-Nitroaniline	14.23	138	17202	39.575	ng		93
54) 2,4-Dinitrophenol	14.44	184	9427	41.025	ng		95
55) Dibenzofuran	14.70	168	91144	40.974	ng		99
56) 4-Nitrophenol	14.55	139	11889	34.720	ng		95
57) 2,4-Dinitrotoluene	14.69	165	23924	41.393	ng		97
58) Fluorene	15.36	166	73916	41.134	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	20782	41.094	ng	#	98
60) Diethylphthalate	15.13	149	76936	41.252	ng		100
61) 4-Chlorophenyl-phenylether	15.35	204	38567	41.604	ng		99
62) 4-Nitroaniline	15.40	138	17105	39.166	ng		94
63) Azobenzene	15.65	77	60595	39.030	ng		97
65) 4,6-Dinitro-2-methylphenol	15.45	198	12393	37.280	ng		99
66) n-Nitrosodiphenylamine	15.57	169	64344	40.470	ng		99
67) 4-Bromophenyl-phenylether	16.25	248	26279	41.722	ng		98
68) Hexachlorobenzene	16.35	284	31808	43.104	ng		98
69) Atrazine	16.52	200	22916	40.343	ng		99
70) Pentachlorophenol	16.70	266	15523	40.009	ng		99
71) Phenanthrene	17.10	178	115194	40.618	ng		100
72) Anthracene	17.19	178	116604	41.306	ng		99
73) Carbazole	17.47	167	104355	40.613	ng		99
74) Di-n-butylphthalate	18.02	149	132361	42.287	ng		100
75) Fluoranthene	19.12	202	135580	41.904	ng		98
77) Benzidine	19.32	184	60730	38.197	ng		99
78) Pyrene	19.49	202	135938	39.905	ng		100
80) Butylbenzylphthalate	20.39	149	58989	42.617	ng		98
81) Benzo(a)anthracene	21.24	228	128744	40.513	ng		100
82) 3,3'-Dichlorobenzidine	21.18	252	47616	40.070	ng		99
83) Chrysene	21.29	228	122029	40.203	ng		100
84) Bis(2-ethylhexyl)phthalate	21.16	149	87458	45.667	ng		99
85) Di-n-octyl phthalate	22.03	149	142061	45.964	ng		98
86) Indeno(1,2,3-cd)pyrene	25.74	276	123402	35.785	ng		100
88) Benzo(b)fluoranthene	22.82	252	120098	42.373	ng		99
89) Benzo(k)fluoranthene	22.86	252	107957	41.536	ng		99
90) Benzo(a)pyrene	23.39	252	105271	40.588	ng		99
91) Dibenzo(a,h)anthracene	25.74	278	102313	39.293	ng		99
92) Benzo(g,h,i)perylene	26.43	276	99245	38.540	ng		98

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

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