Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
Data File : BN005083.D
Acq On : 04 Apr 2019 08:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Apr 04 15:00:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 14:56:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	9122	20.00	ng		-0.01
21) Naphthalene-d8	10.43	136	42175	20.00	ng		-0.01
39) Acenaphthene-d10	14.30	164	25020	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	58994	20.00	ng		0.00
76) Chrysene-d12	21.26	240	69914	20.00	ng		0.00
87) Perylene-d12	23.49	264	74182	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	40933	77.58	ng		-0.01
7) Phenol-d6	6.82	99	55203	78.88	ng		0.00
23) Nitrobenzene-d5	8.81	82	53143	76.22	ng		-0.01
42) 2,4,6-Tribromophenol	15.80	330	33672	83.44	ng		0.00
45) 2-Fluorobiphenyl	12.91	172	150974	79.96	ng		0.00
79) Terphenyl-d14	19.69	244	268115	73.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	6901	35.891	ng		98
3) Pyridine	3.56	79	21679	40.347	ng		100
4) n-Nitrosodimethylamine	3.49	42	6611	37.741	ng		99
6) Aniline	6.98	93	34828	39.082	ng		99
8) 2-Chlorophenol	7.21	128	26565	39.662	ng		97
9) Benzaldehyde	6.80	77	16031	39.865	ng		99
10) Phenol	6.85	94	29666	39.561	ng		99
11) bis(2-Chloroethyl)ether	7.08	93	22807	39.331	ng		99
12) 1,3-Dichlorobenzene	7.53	146	28631	39.234	ng		99
13) 1,4-Dichlorobenzene	7.68	146	29168	39.488	ng		99
14) 1,2-Dichlorobenzene	7.99	146	28270	39.991	ng		99
15) Benzyl Alcohol	7.89	79	20918	39.289	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.16	45	26357	37.673	ng		99
17) 2-Methylphenol	8.09	107	21168	40.493	ng		99
18) Hexachloroethane	8.70	117	10144	38.745	ng		99
19) n-Nitroso-di-n-propylamine	8.45	70	18405	40.119	ng		99
20) 3+4-Methylphenols	8.42	107	28771	40.534	ng		99
22) Acetophenone	8.47	105	38002	39.472	ng	#	100
24) Nitrobenzene	8.85	77	27059	38.349	ng		99
25) Isophorone	9.36	82	52962	38.993	ng		99
26) 2-Nitrophenol	9.55	139	15411	37.616	ng		98
27) 2,4-Dimethylphenol	9.61	122	22363	39.206	ng		99
28) bis(2-Chloroethoxy)methane	9.85	93	33105	39.338	ng		100
29) 2,4-Dichlorophenol	10.08	162	26181	39.936	ng		96
30) 1,2,4-Trichlorobenzene	10.29	180	29099	40.295	ng		98
31) Naphthalene	10.48	128	87076	39.572	ng		100
32) Benzoic acid	9.61	122	22363	48.517	ng	#	14
33) 4-Chloroaniline	10.60	127	36355	40.608	ng		99
34) Hexachlorobutadiene	10.75	225	18432	39.446	ng		99
35) Caprolactam	11.40	113	9104	42.411	ng		94
36) 4-Chloro-3-methylphenol	11.73	107	28331	40.004	ng		98
37) 2-Methylnaphthalene	12.10	142	62898	40.479	ng		99
38) 1-Methylnaphthalene	12.32	142	61773	40.628	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	34932	39.363	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	16988	36.420	ng		100
43) 2,4,6-Trichlorophenol	12.72	196	21059	38.244	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	22980	38.307	ng		98
46) 1,1'-Biphenyl	13.12	154	84059	39.696	ng		99
47) 2-Chloronaphthalene	13.17	162	64292	39.564	ng		98
48) 2-Nitroaniline	13.39	65	17002	39.304	ng		98
49) Acenaphthylene	14.02	152	109217	39.960	ng		100
50) Dimethylphthalate	13.76	163	84064	40.896	ng		99
51) 2,6-Dinitrotoluene	13.89	165	19143	40.926	ng		98
52) Acenaphthene	14.36	154	61771	40.176	ng		100
53) 3-Nitroaniline	14.23	138	19351	40.478	ng		99
55) Dibenzofuran	14.70	168	99359	40.612	ng		99
56) 4-Nitrophenol	14.54	139	9132	24.248	ng		99
57) 2,4-Dinitrotoluene	14.69	165	26492	41.676	ng		99
58) Fluorene	15.35	166	81868	41.424	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	20474	36.810	ng	#	100
60) Diethylphthalate	15.13	149	85066	41.471	ng		99
61) 4-Chlorophenyl-phenylether	15.35	204	42152	41.344	ng		98
62) 4-Nitroaniline	15.40	138	20358	42.383	ng		97
63) Azobenzene	15.64	77	67331	39.433	ng		99
65) 4,6-Dinitro-2-methylphenol	15.45	198	1417	6.484	ng		98
66) n-Nitrosodiphenylamine	15.57	169	71821	38.649	ng		99
67) 4-Bromophenyl-phenylether	16.24	248	29145	39.589	ng		98
68) Hexachlorobenzene	16.35	284	35211	40.824	ng		97
69) Atrazine	16.52	200	26877	40.483	ng		99
70) Pentachlorophenol	16.70	266	8242	18.175	ng		99
71) Phenanthrene	17.09	178	131167	39.570	ng		99
72) Anthracene	17.19	178	132999	40.310	ng		100
73) Carbazole	17.46	167	121572	40.481	ng		100
74) Di-n-butylphthalate	18.02	149	151345	41.369	ng		100
75) Fluoranthene	19.12	202	160762	42.512	ng		99
77) Benzidine	19.32	184	72711	33.371	ng		99
78) Pyrene	19.49	202	163148	34.948	ng		100
80) Butylbenzylphthalate	20.39	149	69953	36.878	ng		99
81) Benzo(a)anthracene	21.24	228	170565	39.166	ng		99
82) 3,3'-Dichlorobenzidine	21.18	252	65254	40.070	ng		99
83) Chrysene	21.30	228	164886	39.639	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	104123	39.673	ng		99
85) Di-n-octyl phthalate	22.04	149	179103	42.286	ng		99
86) Indeno(1,2,3-cd)pyrene	25.74	276	193040	40.848	ng		100
88) Benzo(b)fluoranthene	22.82	252	182772	40.028	ng		99
89) Benzo(k)fluoranthene	22.87	252	162995	38.927	ng		100
90) Benzo(a)pyrene	23.40	252	163140	39.043	ng		100
91) Dibenzo(a,h)anthracene	25.75	278	159754	38.083	ng		100
92) Benzo(g,h,i)perylene	26.43	276	152517	36.764	ng		100

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

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