Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN005014.D
Acq On : 28 Mar 2019 02:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 28 04:03:21 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	7.68	152	9542	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	38677	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	20226	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	42642	20.00	ng	0.00
76) Chrysene-d12	21.27	240	47875	20.00	ng	0.00
87) Perylene-d12	23.50	264	54126	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	43283	78.42	ng	0.00
7) Phenol-d6	6.85	99	54603	74.59	ng	0.00
23) Nitrobenzene-d5	8.84	82	50919	79.64	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	24982	76.58	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	126425	82.83	ng	0.00
79) Terphenyl-d14	19.70	244	177450	71.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	8084	40.194	ng	98
3) Pyridine	3.60	79	22545	40.112	ng	100
4) n-Nitrosodimethylamine	3.53	42	7067	38.568	ng	99
6) Aniline	7.02	93	34253	36.745	ng	100
8) 2-Chlorophenol	7.24	128	26783	38.227	ng	99
9) Benzaldehyde	6.83	77	17322	41.180	ng	98
10) Phenol	6.88	94	29398	37.478	ng	100
11) bis(2-Chloroethyl)ether	7.11	93	22621	37.293	ng	98
12) 1,3-Dichlorobenzene	7.56	146	29285	38.364	ng	100
13) 1,4-Dichlorobenzene	7.71	146	29877	38.667	ng	99
14) 1,2-Dichlorobenzene	8.02	146	28527	38.578	ng	98
15) Benzyl Alcohol	7.92	79	19878	35.693	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	26942	36.815	ng	99
17) 2-Methylphenol	8.12	107	20101	36.759	ng	99
18) Hexachloroethane	8.73	117	10468	38.222	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	17138	35.713	ng	99
20) 3+4-Methylphenols	8.45	107	26758	36.039	ng	100
22) Acetophenone	8.50	105	35012	39.656	ng	99
24) Nitrobenzene	8.88	77	25732	39.767	ng	99
25) Isophorone	9.39	82	46295	37.167	ng	99
26) 2-Nitrophenol	9.59	139	14646	38.981	ng	99
27) 2,4-Dimethylphenol	9.64	122	20224	38.662	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	29814	38.632	ng	99
29) 2,4-Dichlorophenol	10.11	162	23480	39.055	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	26961	40.711	ng	99
31) Naphthalene	10.51	128	79980	39.635	ng	100
32) Benzoic acid	9.80	122	12622	32.056	ng	99
33) 4-Chloroaniline	10.63	127	31517	38.388	ng	99
34) Hexachlorobutadiene	10.77	225	17416	40.643	ng	98
35) Caprolactam	11.42	113	6957	35.341	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	23840	36.707	ng	100
37) 2-Methylnaphthalene	12.13	142	54552	38.283	ng	100
38) 1-Methylnaphthalene	12.35	142	53092	38.077	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	29778	41.508	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	15608	40.779	ng		98
43) 2,4,6-Trichlorophenol	12.75	196	17823	40.039	ng		98
44) 2,4,5-Trichlorophenol	12.82	196	19160	39.509	ng		100
46) 1,1'-Biphenyl	13.15	154	70153	40.981	ng		99
47) 2-Chloronaphthalene	13.19	162	53438	40.679	ng		99
48) 2-Nitroaniline	13.42	65	13415	38.362	ng		98
49) Acenaphthylene	14.05	152	88515	40.062	ng		100
50) Dimethylphthalate	13.79	163	64151	38.605	ng		99
51) 2,6-Dinitrotoluene	13.92	165	14658	38.765	ng		97
52) Acenaphthene	14.39	154	49477	39.808	ng		98
53) 3-Nitroaniline	14.25	138	14289	36.974	ng		99
54) 2,4-Dinitrophenol	14.46	184	7068	35.725	ng		98
55) Dibenzofuran	14.72	168	78209	39.544	ng		100
56) 4-Nitrophenol	14.56	139	11123	36.535	ng		99
57) 2,4-Dinitrotoluene	14.70	165	19795	38.521	ng		99
58) Fluorene	15.37	166	62888	39.363	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	17205	38.264	ng	#	100
60) Diethylphthalate	15.15	149	62578	37.739	ng		100
61) 4-Chlorophenyl-phenylether	15.36	204	32526	39.464	ng		99
62) 4-Nitroaniline	15.42	138	14734	37.945	ng		99
63) Azobenzene	15.66	77	52765	38.226	ng		99
65) 4,6-Dinitro-2-methylphenol	15.47	198	10699	38.026	ng		100
66) n-Nitrosodiphenylamine	15.59	169	53290	39.674	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	20968	39.404	ng		98
68) Hexachlorobenzene	16.37	284	24778	39.745	ng		99
69) Atrazine	16.54	200	18600	38.759	ng		99
70) Pentachlorophenol	16.72	266	12097	36.905	ng		98
71) Phenanthrene	17.12	178	95059	39.674	ng		100
72) Anthracene	17.20	178	95248	39.938	ng		99
73) Carbazole	17.48	167	86499	39.847	ng		100
74) Di-n-butylphthalate	18.03	149	100143	37.870	ng		100
75) Fluoranthene	19.13	202	110066	40.267	ng		99
77) Benzidine	19.33	184	51942	34.813	ng		100
78) Pyrene	19.50	202	112464	35.181	ng		99
80) Butylbenzylphthalate	20.40	149	45070	34.698	ng		99
81) Benzo(a)anthracene	21.25	228	115896	38.863	ng		100
82) 3,3'-Dichlorobenzidine	21.19	252	45435	40.743	ng		99
83) Chrysene	21.30	228	111833	39.261	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	65411	36.396	ng		99
85) Di-n-octyl phthalate	22.04	149	113976	39.297	ng		99
86) Indeno(1,2,3-cd)pyrene	25.77	276	159399	49.257	ng		100
88) Benzo(b)fluoranthene	22.83	252	125060	37.537	ng		99
89) Benzo(k)fluoranthene	22.87	252	119580	39.140	ng		99
90) Benzo(a)pyrene	23.40	252	119439	39.176	ng		100
91) Dibenzo(a,h)anthracene	25.77	278	131357	42.917	ng		99
92) Benzo(g,h,i)perylene	26.46	276	129722	42.856	ng		100

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

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