Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
Data File : BN004979.D
Acq On : 26 Mar 2019 16:43
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN032619

Quant Time: Mar 26 19:30:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 15:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9373	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	40853	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	22737	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	47705	20.00	ng	0.00
76) Chrysene-d12	21.27	240	44653	20.00	ng	0.00
87) Perylene-d12	23.52	264	46185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	42712	82.19	ng	0.00
7) Phenol-d6	6.85	99	56674	78.63	ng	0.00
23) Nitrobenzene-d5	8.84	82	54617	84.15	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	28549	84.23	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	140552	82.51	ng	0.00
79) Terphenyl-d14	19.71	244	187274	82.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	7756	38.612	ng	99
3) Pyridine	3.59	79	21506	35.814	ng	99
4) n-Nitrosodimethylamine	3.52	42	7235	39.489	ng	98
6) Aniline	7.01	93	35732	40.116	ng	100
8) 2-Chlorophenol	7.24	128	27044	41.113	ng	99
9) Benzaldehyde	6.83	77	17056	34.576	ng	99
10) Phenol	6.88	94	30419	39.117	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	23605	38.285	ng	97
12) 1,3-Dichlorobenzene	7.56	146	29502	39.752	ng	99
13) 1,4-Dichlorobenzene	7.71	146	29824	39.320	ng	99
14) 1,2-Dichlorobenzene	8.02	146	28583	38.961	ng	99
15) Benzyl Alcohol	7.92	79	21449	39.928	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	28721	36.325	ng	99
17) 2-Methylphenol	8.12	107	21330	39.751	ng	99
18) Hexachloroethane	8.73	117	10597	42.927	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	18803	38.749	ng	98
20) 3+4-Methylphenols	8.45	107	28819	38.567	ng	98
22) Acetophenone	8.50	105	37579	40.345	ng	100
24) Nitrobenzene	8.88	77	27517	41.316	ng	99
25) Isophorone	9.39	82	52596	46.797	ng	99
26) 2-Nitrophenol	9.59	139	15876	41.927	ng	99
27) 2,4-Dimethylphenol	9.65	122	22030	40.704	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	32676	41.758	ng	99
29) 2,4-Dichlorophenol	10.12	162	25480	40.012	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	28151	38.785	ng	100
31) Naphthalene	10.51	128	85400	42.945	ng	100
32) Benzoic acid	9.80	122	16764	35.248	ng	99
33) 4-Chloroaniline	10.63	127	34444	38.820	ng	100
34) Hexachlorobutadiene	10.78	225	18139	41.735	ng	99
35) Caprolactam	11.42	113	8173	36.396	ng	99
36) 4-Chloro-3-methylphenol	11.76	107	27107	40.183	ng	99
37) 2-Methylnaphthalene	12.13	142	60066	42.292	ng	100
38) 1-Methylnaphthalene	12.35	142	58491	42.519	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	32816	40.151	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	17163	41.745	ng		98
43) 2,4,6-Trichlorophenol	12.75	196	20111	39.628	ng		99
44) 2,4,5-Trichlorophenol	12.83	196	22153	40.922	ng		99
46) 1,1'-Biphenyl	13.15	154	78369	38.916	ng		99
47) 2-Chloronaphthalene	13.20	162	59942	39.562	ng		98
48) 2-Nitroaniline	13.42	65	15835	41.945	ng		99
49) Acenaphthylene	14.05	152	100127	44.795	ng		99
50) Dimethylphthalate	13.79	163	74020	41.556	ng		99
51) 2,6-Dinitrotoluene	13.92	165	17111	41.155	ng		98
52) Acenaphthene	14.39	154	56226	41.476	ng		99
53) 3-Nitroaniline	14.25	138	17068	38.400	ng		97
54) 2,4-Dinitrophenol	14.46	184	8817	42.598	ng		96
55) Dibenzofuran	14.72	168	89658	40.149	ng		100
56) 4-Nitrophenol	14.57	139	13154	38.733	ng		99
57) 2,4-Dinitrotoluene	14.71	165	22744	40.472	ng		99
58) Fluorene	15.37	166	72004	43.637	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	19759	40.442	ng	#	98
60) Diethylphthalate	15.15	149	73520	39.010	ng		100
61) 4-Chlorophenyl-phenylether	15.37	204	37136	38.228	ng		98
62) 4-Nitroaniline	15.42	138	16945	37.989	ng		98
63) Azobenzene	15.66	77	62010	40.310	ng		99
65) 4,6-Dinitro-2-methylphenol	15.47	198	12386	38.848	ng		96
66) n-Nitrosodiphenylamine	15.59	169	61442	40.663	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	24200	40.218	ng		97
68) Hexachlorobenzene	16.37	284	28108	40.135	ng		99
69) Atrazine	16.54	200	21314	37.710	ng		100
70) Pentachlorophenol	16.72	266	14288	30.611	ng		99
71) Phenanthrene	17.12	178	107731	43.228	ng		100
72) Anthracene	17.21	178	107658	44.195	ng		99
73) Carbazole	17.49	167	95801	40.072	ng		100
74) Di-n-butylphthalate	18.03	149	115710	41.018	ng		100
75) Fluoranthene	19.14	202	118979	44.288	ng		99
77) Benzidine	19.33	184	56682	36.705	ng		97
78) Pyrene	19.50	202	120595	40.010	ng		99
80) Butylbenzylphthalate	20.40	149	47162	36.509	ng		100
81) Benzo(a)anthracene	21.26	228	111766	44.001	ng		99
82) 3,3'-Dichlorobenzidine	21.20	252	41202	38.921	ng		98
83) Chrysene	21.31	228	106820	43.971	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	65323	34.870	ng		100
85) Di-n-octyl phthalate	22.05	149	108296	38.924	ng		100
86) Indeno(1,2,3-cd)pyrene	25.79	276	132024	51.480	ng		100
88) Benzo(b)fluoranthene	22.85	252	109816	42.707	ng		99
89) Benzo(k)fluoranthene	22.89	252	105439	41.207	ng		99
90) Benzo(a)pyrene	23.42	252	104189	43.731	ng		100
91) Dibenzo(a,h)anthracene	25.79	278	108740	44.820	ng		99
92) Benzo(g,h,i)perylene	26.47	276	107774	45.681	ng		99

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

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