Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
Data File : BN004974.D
Acq On : 26 Mar 2019 13:41
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC040

Quant Time: Mar 26 15:13:00 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	7.67	152	9534	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	43337	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	25090	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	55809	20.00	ng	0.00
76) Chrysene-d12	21.27	240	52734	20.00	ng	0.00
87) Perylene-d12	23.52	264	49073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	43972	83.18	ng	0.00
7) Phenol-d6	6.86	99	59550	81.23	ng	0.00
23) Nitrobenzene-d5	8.85	82	57321	83.26	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	32836	87.79	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	150774	80.21	ng	0.00
79) Terphenyl-d14	19.71	244	228330	85.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	8009	39.198	ng	100
3) Pyridine	3.60	79	22136	36.240	ng	100
4) n-Nitrosodimethylamine	3.53	42	7463	40.046	ng	100
6) Aniline	7.02	93	37949	41.886	ng	100
8) 2-Chlorophenol	7.25	128	28181	42.118	ng	100
9) Benzaldehyde	6.83	77	17665	35.206	ng	100
10) Phenol	6.88	94	31895	40.322	ng	100
11) bis(2-Chloroethyl)ether	7.12	93	24549	39.144	ng	100
12) 1,3-Dichlorobenzene	7.56	146	30633	40.579	ng	100
13) 1,4-Dichlorobenzene	7.72	146	30911	40.065	ng	100
14) 1,2-Dichlorobenzene	8.03	146	29895	40.061	ng	100
15) Benzyl Alcohol	7.92	79	22658	41.467	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.20	45	29487	36.664	ng	100
17) 2-Methylphenol	8.12	107	22534	41.285	ng	100
18) Hexachloroethane	8.74	117	11034	43.943	ng	100
19) n-Nitroso-di-n-propylamine	8.48	70	19925	40.368	ng	100
20) 3+4-Methylphenols	8.45	107	30304	39.869	ng	100
22) Acetophenone	8.50	105	39770	40.250	ng	100
24) Nitrobenzene	8.89	77	29053	41.122	ng	100
25) Isophorone	9.40	82	56353	47.266	ng	100
26) 2-Nitrophenol	9.59	139	16924	42.133	ng	100
27) 2,4-Dimethylphenol	9.65	122	23473	40.885	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	34727	41.835	ng	100
29) 2,4-Dichlorophenol	10.12	162	27037	40.023	ng	100
30) 1,2,4-Trichlorobenzene	10.33	180	29543	38.370	ng	100
31) Naphthalene	10.52	128	90449	42.877	ng	100
32) Benzoic acid	9.81	122	18786	36.941	ng	100
33) 4-Chloroaniline	10.63	127	37279	39.607	ng	100
34) Hexachlorobutadiene	10.78	225	19071	41.364	ng	100
35) Caprolactam	11.43	113	9356	39.276	ng	100
36) 4-Chloro-3-methylphenol	11.76	107	29730	41.545	ng	100
37) 2-Methylnaphthalene	12.13	142	64466	42.789	ng	100
38) 1-Methylnaphthalene	12.35	142	63241	43.337	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	35101	38.919	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	18420	40.741 ng	100
43) 2,4,6-Trichlorophenol	12.75	196	22083	39.433 ng	100
44) 2,4,5-Trichlorophenol	12.83	196	24361	40.780 ng	100
46) 1,1'-Biphenyl	13.15	154	84839	38.178 ng	100
47) 2-Chloronaphthalene	13.20	162	64392	38.513 ng	100
48) 2-Nitroaniline	13.42	65	17497	42.001 ng	100
49) Acenaphthylene	14.05	152	109881	44.549 ng	100
50) Dimethylphthalate	13.79	163	82920	42.187 ng	100
51) 2,6-Dinitrotoluene	13.92	165	18856	41.099 ng	100
52) Acenaphthene	14.39	154	61973	41.428 ng	100
53) 3-Nitroaniline	14.25	138	19632	40.026 ng	100
54) 2,4-Dinitrophenol	14.46	184	10203	44.289 ng	100
55) Dibenzofuran	14.73	168	98141	39.827 ng	100
56) 4-Nitrophenol	14.57	139	15300	40.827 ng	100
57) 2,4-Dinitrotoluene	14.71	165	25979	41.893 ng	100
58) Fluorene	15.38	166	80044	43.960 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	22648	42.008 ng	100
60) Diethylphthalate	15.15	149	83535	40.168 ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	41115	38.355 ng	100
62) 4-Nitroaniline	15.42	138	19993	40.619 ng	100
63) Azobenzene	15.66	77	69084	40.697 ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	14846	39.680 ng	100
66) n-Nitrosodiphenylamine	15.59	169	69204	39.149 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	27565	39.158 ng	100
68) Hexachlorobenzene	16.37	284	32470	39.631 ng	100
69) Atrazine	16.54	200	25502	38.568 ng	100
70) Pentachlorophenol	16.73	266	16734	30.645 ng	100
71) Phenanthrene	17.12	178	125010	42.877 ng	100
72) Anthracene	17.21	178	124582	43.717 ng	100
73) Carbazole	17.49	167	114382	40.897 ng	100
74) Di-n-butylphthalate	18.03	149	140037	42.434 ng	100
75) Fluoranthene	19.14	202	144105	45.851 ng	100
77) Benzidine	19.33	184	73279	40.181 ng	100
78) Pyrene	19.50	202	145475	40.868 ng	100
80) Butylbenzylphthalate	20.40	149	58506	38.350 ng	100
81) Benzo(a)anthracene	21.26	228	132529	44.180 ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	50123	40.093 ng	100
83) Chrysene	21.31	228	125398	43.708 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	80730	36.491 ng	100
85) Di-n-octyl phthalate	22.05	149	127009	38.655 ng	100
86) Indeno(1,2,3-cd)pyrene	25.78	276	130918	43.226 ng	100
88) Benzo(b)fluoranthene	22.84	252	120059	43.943 ng	100
89) Benzo(k)fluoranthene	22.89	252	113761	41.843 ng	100
90) Benzo(a)pyrene	23.42	252	110405	43.613 ng	100
91) Dibenzo(a,h)anthracene	25.79	278	107636	41.754 ng	100
92) Benzo(g,h,i)perylene	26.47	276	105639	42.141 ng	100

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

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