Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN005002.D
Acq On : 27 Mar 2019 19:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Mar 28 04:50:51 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	9924	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	43681	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	24816	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	53681	20.00	ng		0.00
76) Chrysene-d12	21.27	240	47787	20.00	ng		0.00
87) Perylene-d12	23.51	264	45332	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	44200	77.00	ng		0.00
7) Phenol-d6	6.85	99	58827	77.27	ng		0.00
23) Nitrobenzene-d5	8.84	82	56432	78.15	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	31517	78.75	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	150966	80.61	ng		0.00
79) Terphenyl-d14	19.70	244	208733	84.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	8050	38.484	ng		98
3) Pyridine	3.59	79	22676	38.792	ng		100
4) n-Nitrosodimethylamine	3.52	42	7569	39.718	ng		94
6) Aniline	7.02	93	37307	38.481	ng		100
8) 2-Chlorophenol	7.24	128	27996	38.421	ng		100
9) Benzaldehyde	6.83	77	17613	40.260	ng		98
10) Phenol	6.88	94	31262	38.321	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	24407	38.688	ng		98
12) 1,3-Dichlorobenzene	7.56	146	30469	38.379	ng		100
13) 1,4-Dichlorobenzene	7.71	146	31204	38.830	ng		98
14) 1,2-Dichlorobenzene	8.02	146	29696	38.613	ng		98
15) Benzyl Alcohol	7.92	79	22190	38.310	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	29520	38.785	ng		99
17) 2-Methylphenol	8.12	107	22092	38.845	ng		99
18) Hexachloroethane	8.73	117	10910	38.303	ng		100
19) n-Nitroso-di-n-propylamine	8.48	70	19687	39.445	ng		99
20) 3+4-Methylphenols	8.45	107	29876	38.690	ng		99
22) Acetophenone	8.50	105	39486	39.600	ng	#	100
24) Nitrobenzene	8.88	77	28619	39.162	ng		99
25) Isophorone	9.39	82	55198	39.238	ng		100
26) 2-Nitrophenol	9.59	139	16560	39.027	ng		98
27) 2,4-Dimethylphenol	9.64	122	22993	38.920	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	34517	39.602	ng		100
29) 2,4-Dichlorophenol	10.11	162	26728	39.365	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	29766	39.797	ng		97
31) Naphthalene	10.51	128	89747	39.380	ng		100
32) Benzoic acid	9.81	122	15934	35.159	ng		98
33) 4-Chloroaniline	10.63	127	36977	39.879	ng		99
34) Hexachlorobutadiene	10.77	225	19092	39.450	ng		99
35) Caprolactam	11.43	113	8670	38.997	ng		98
36) 4-Chloro-3-methylphenol	11.76	107	28834	39.311	ng		99
37) 2-Methylnaphthalene	12.13	142	63646	39.549	ng		100
38) 1-Methylnaphthalene	12.35	142	62421	39.639	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	35297	40.101	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	18646	39.824	ng		98
43) 2,4,6-Trichlorophenol	12.75	196	21705	39.741	ng		99
44) 2,4,5-Trichlorophenol	12.82	196	23385	39.302	ng		99
46) 1,1'-Biphenyl	13.15	154	84963	40.452	ng		100
47) 2-Chloronaphthalene	13.19	162	64675	40.127	ng		99
48) 2-Nitroaniline	13.42	65	16877	39.336	ng		99
49) Acenaphthylene	14.05	152	108043	39.855	ng		100
50) Dimethylphthalate	13.79	163	81303	39.878	ng		99
51) 2,6-Dinitrotoluene	13.92	165	18401	39.663	ng		98
52) Acenaphthene	14.39	154	60527	39.691	ng		99
53) 3-Nitroaniline	14.25	138	18594	39.214	ng		96
54) 2,4-Dinitrophenol	14.46	184	9207	37.485	ng		100
55) Dibenzofuran	14.72	168	96732	39.864	ng		99
56) 4-Nitrophenol	14.56	139	14266	38.191	ng		99
57) 2,4-Dinitrotoluene	14.70	165	25018	39.681	ng		99
58) Fluorene	15.37	166	78570	40.082	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	21935	39.761	ng	#	99
60) Diethylphthalate	15.15	149	80934	39.781	ng		100
61) 4-Chlorophenyl-phenylether	15.37	204	41130	40.673	ng		98
62) 4-Nitroaniline	15.42	138	18537	38.910	ng		97
63) Azobenzene	15.66	77	66922	39.515	ng		98
65) 4,6-Dinitro-2-methylphenol	15.47	198	13604	38.377	ng		99
66) n-Nitrosodiphenylamine	15.59	169	67543	39.944	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	26671	39.814	ng		98
68) Hexachlorobenzene	16.37	284	31680	40.366	ng		100
69) Atrazine	16.54	200	23508	38.913	ng		100
70) Pentachlorophenol	16.72	266	15862	38.440	ng		100
71) Phenanthrene	17.12	178	118520	39.294	ng		100
72) Anthracene	17.20	178	118640	39.517	ng		100
73) Carbazole	17.49	167	106608	39.011	ng		99
74) Di-n-butylphthalate	18.03	149	128418	38.576	ng		100
75) Fluoranthene	19.13	202	130849	38.026	ng		99
77) Benzidine	19.33	184	58521	39.295	ng		99
78) Pyrene	19.50	202	131851	41.322	ng		99
80) Butylbenzylphthalate	20.40	149	49437	38.130	ng		99
81) Benzo(a)anthracene	21.25	228	115945	38.951	ng		100
82) 3,3'-Dichlorobenzidine	21.19	252	43696	39.256	ng		100
83) Chrysene	21.31	228	111157	39.096	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	68262	38.052	ng		100
85) Di-n-octyl phthalate	22.04	149	106746	36.872	ng		99
86) Indeno(1,2,3-cd)pyrene	25.77	276	125327	38.800	ng		100
88) Benzo(b)fluoranthene	22.83	252	110934	39.757	ng		100
89) Benzo(k)fluoranthene	22.88	252	101133	39.524	ng		99
90) Benzo(a)pyrene	23.41	252	100216	39.248	ng		99
91) Dibenzo(a,h)anthracene	25.77	278	103023	40.189	ng		100
92) Benzo(g,h,i)perylene	26.46	276	101269	39.946	ng		99

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

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