Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
Data File : BN005065.D
Acq On : 03 Apr 2019 17:42
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Apr 04 04:20:36 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	7.65	152	8367	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	37614	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	21685	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	47636	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	45997	20.00	ng	-0.02
87) Perylene-d12	23.49	264	41825	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	37534	77.56	ng	-0.03
7) Phenol-d6	6.83	99	50192	78.19	ng	-0.03
23) Nitrobenzene-d5	8.82	82	48050	77.27	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	29799	85.20	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	133365	81.50	ng	-0.02
79) Terphenyl-d14	19.69	244	198181	82.95	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	6583	37.327	ng	98
3) Pyridine	3.57	79	19724	40.021	ng	99
4) n-Nitrosodimethylamine	3.50	42	6001	37.350	ng	99
6) Aniline	6.99	93	31637	38.705	ng	100
8) 2-Chlorophenol	7.22	128	24291	39.540	ng	99
9) Benzaldehyde	6.81	77	14062	38.124	ng	100
10) Phenol	6.86	94	26514	38.549	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	20862	39.223	ng	100
12) 1,3-Dichlorobenzene	7.54	146	26371	39.398	ng	97
13) 1,4-Dichlorobenzene	7.69	146	26793	39.545	ng	99
14) 1,2-Dichlorobenzene	8.00	146	25757	39.724	ng	99
15) Benzyl Alcohol	7.90	79	18786	38.469	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	24429	38.068	ng	99
17) 2-Methylphenol	8.10	107	18911	39.439	ng	97
18) Hexachloroethane	8.72	117	9390	39.101	ng	99
19) n-Nitroso-di-n-propylamine	8.46	70	16674	39.625	ng	98
20) 3+4-Methylphenols	8.43	107	25695	39.467	ng	98
22) Acetophenone	8.48	105	34162	39.787	ng	98
24) Nitrobenzene	8.86	77	24221	38.490	ng	98
25) Isophorone	9.38	82	46726	38.574	ng	99
26) 2-Nitrophenol	9.56	139	14032	38.403	ng	100
27) 2,4-Dimethylphenol	9.62	122	20032	39.378	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	29836	39.753	ng	99
29) 2,4-Dichlorophenol	10.09	162	23330	39.902	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	26077	40.489	ng	100
31) Naphthalene	10.49	128	78091	39.792	ng	100
32) Benzoic acid	9.79	122	13091	33.807	ng	100
33) 4-Chloroaniline	10.61	127	31735	39.746	ng	99
34) Hexachlorobutadiene	10.75	225	17053	40.920	ng	99
35) Caprolactam	11.40	113	7451	38.920	ng	91
36) 4-Chloro-3-methylphenol	11.74	107	25036	39.638	ng	99
37) 2-Methylnaphthalene	12.10	142	56504	40.774	ng	99
38) 1-Methylnaphthalene	12.33	142	55077	40.617	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	31491	40.943	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	16633	40.560	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	18975	39.759	ng		98
44) 2,4,5-Trichlorophenol	12.80	196	20589	39.599	ng		98
46) 1,1'-Biphenyl	13.13	154	74488	40.586	ng		99
47) 2-Chloronaphthalene	13.17	162	56541	40.145	ng		100
48) 2-Nitroaniline	13.40	65	13934	37.166	ng		95
49) Acenaphthylene	14.03	152	94781	40.011	ng		100
50) Dimethylphthalate	13.77	163	71317	40.030	ng		99
51) 2,6-Dinitrotoluene	13.90	165	16225	40.023	ng		95
52) Acenaphthene	14.37	154	53202	39.925	ng		100
53) 3-Nitroaniline	14.23	138	15917	38.415	ng		95
54) 2,4-Dinitrophenol	14.44	184	8027	37.415	ng		99
55) Dibenzofuran	14.70	168	85044	40.107	ng		100
56) 4-Nitrophenol	14.55	139	11996	36.751	ng		99
57) 2,4-Dinitrotoluene	14.69	165	21997	39.926	ng		98
58) Fluorene	15.36	166	68872	40.208	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	19519	40.490	ng	#	99
60) Diethylphthalate	15.13	149	71590	40.269	ng		99
61) 4-Chlorophenyl-phenylether	15.35	204	36074	40.824	ng		97
62) 4-Nitroaniline	15.40	138	15828	38.020	ng		98
63) Azobenzene	15.65	77	57388	38.778	ng		98
65) 4,6-Dinitro-2-methylphenol	15.45	198	12020	38.225	ng		99
66) n-Nitrosodiphenylamine	15.57	169	59588	39.712	ng		99
67) 4-Bromophenyl-phenylether	16.25	248	24244	40.784	ng		98
68) Hexachlorobenzene	16.35	284	29008	41.652	ng		99
69) Atrazine	16.52	200	21293	39.719	ng		99
70) Pentachlorophenol	16.70	266	14450	39.462	ng		100
71) Phenanthrene	17.10	178	106544	39.806	ng		99
72) Anthracene	17.19	178	106453	39.957	ng		100
73) Carbazole	17.47	167	95185	39.252	ng		99
74) Di-n-butylphthalate	18.02	149	118016	39.950	ng		100
75) Fluoranthene	19.12	202	120636	39.507	ng		99
77) Benzidine	19.32	184	48755	34.012	ng		99
78) Pyrene	19.49	202	123560	40.230	ng		100
80) Butylbenzylphthalate	20.39	149	48438	38.813	ng		100
81) Benzo(a)anthracene	21.24	228	112557	39.285	ng		100
82) 3,3'-Dichlorobenzidine	21.18	252	42295	39.476	ng		99
83) Chrysene	21.29	228	107722	39.362	ng		100
84) Bis(2-ethylhexyl)phthalate	21.16	149	69146	40.045	ng		99
85) Di-n-octyl phthalate	22.03	149	108863	39.067	ng		98
86) Indeno(1,2,3-cd)pyrene	25.74	276	111826	35.967	ng		100
88) Benzo(b)fluoranthene	22.82	252	105856	41.118	ng		99
89) Benzo(k)fluoranthene	22.86	252	95476	40.442	ng		99
90) Benzo(a)pyrene	23.39	252	92786	39.385	ng		100
91) Dibenzo(a,h)anthracene	25.74	278	93417	39.498	ng		99
92) Benzo(g,h,i)perylene	26.43	276	89654	38.330	ng		98

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

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