Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000052.D
Acq On : 04 Sep 2019 09:19
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Sep 04 14:07:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	480358	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1868387	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	1011624	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1847698	20.00	ng	0.00
76) Chrysene-d12	14.11	240	1513764	20.00	ng	0.00
87) Perylene-d12	15.63	264	1663241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	2374193	78.81	ng	0.00
7) Phenol-d6	6.52	99	2970677	78.12	ng	0.00
23) Nitrobenzene-d5	7.45	82	2399571	78.80	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	705787	82.77	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4657438	76.89	ng	0.00
79) Terphenyl-d14	13.04	244	5330183	76.75	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	531458	38.355	ng	98
3) Pyridine	3.44	79	1418458	37.997	ng	98
4) n-Nitrosodimethylamine	3.38	42	425697	35.314	ng	93
6) Aniline	6.56	93	2082410	37.837	ng	98
8) 2-Chlorophenol	6.68	128	1244033	39.940	ng	96
9) Benzaldehyde	6.44	77	796286	33.956	ng	99
10) Phenol	6.53	94	1608617	38.073	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	1288730	38.612	ng	97
12) 1,3-Dichlorobenzene	6.84	146	1468239	40.412	ng	97
13) 1,4-Dichlorobenzene	6.91	146	1476403	40.809	ng	98
14) 1,2-Dichlorobenzene	7.07	146	1385165	41.671	ng	98
15) Benzyl Alcohol	7.03	79	1067007	38.269	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1324476	36.901	ng	98
17) 2-Methylphenol	7.13	107	1053538	39.383	ng	99
18) Hexachloroethane	7.41	117	533595	39.767	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	836499	38.651	ng	98
20) 3+4-Methylphenols	7.29	107	1372207	41.129	ng	99
22) Acetophenone	7.30	105	1789458	39.986	ng	97
24) Nitrobenzene	7.47	77	1282522	38.879	ng	97
25) Isophorone	7.71	82	2434192	37.834	ng	98
26) 2-Nitrophenol	7.79	139	535862	41.713	ng	95
27) 2,4-Dimethylphenol	7.82	122	1029271	39.705	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	1652878	39.508	ng	99
29) 2,4-Dichlorophenol	8.03	162	1082073	40.595	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	1255600	41.319	ng	99
31) Naphthalene	8.20	128	3538325	41.276	ng	98
32) Benzoic acid	7.92	122	516541	32.821	ng	97
33) 4-Chloroaniline	8.24	127	1620893	40.091	ng	97
34) Hexachlorobutadiene	8.32	225	712625	41.619	ng	99
35) Caprolactam	8.60	113	374536	39.510	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	1131303	38.898	ng	96
37) 2-Methylnaphthalene	8.89	142	2499843	41.729	ng	99
38) 1-Methylnaphthalene	8.99	142	2338621	41.431	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1178649	41.163	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	636772	40.389	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	772974	39.145	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	817803	39.583	ng		95
46) 1,1'-Biphenyl	9.36	154	2954888	41.375	ng		98
47) 2-Chloronaphthalene	9.38	162	2428357	40.962	ng		99
48) 2-Nitroaniline	9.47	65	632497	39.499	ng		88
49) Acenaphthylene	9.80	152	3688535	41.932	ng		99
50) Dimethylphthalate	9.66	163	2814800	40.832	ng		99
51) 2,6-Dinitrotoluene	9.72	165	612901	41.887	ng		92
52) Acenaphthene	9.98	154	2319707	42.026	ng		99
53) 3-Nitroaniline	9.88	138	725941	41.529	ng		97
54) 2,4-Dinitrophenol	9.98	184	201720	41.448	ng	#	1
55) Dibenzofuran	10.15	168	3272990	41.758	ng		96
56) 4-Nitrophenol	10.03	139	512965	41.056	ng		94
57) 2,4-Dinitrotoluene	10.12	165	798321	42.736	ng		93
58) Fluorene	10.49	166	2532567	42.933	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	672398	42.983	ng		97
60) Diethylphthalate	10.36	149	2815116	40.797	ng		98
61) 4-Chlorophenyl-phenylether	10.49	204	1318139	42.991	ng		97
62) 4-Nitroaniline	10.50	138	711227	42.657	ng		96
63) Azobenzene	10.65	77	2577157	39.002	ng		95
65) 4,6-Dinitro-2-methylphenol	10.53	198	270228	39.612	ng		93
66) n-Nitrosodiphenylamine	10.60	169	2274040	41.426	ng		99
67) 4-Bromophenyl-phenylether	10.98	248	805833	42.915	ng		94
68) Hexachlorobenzene	11.05	284	866031	42.328	ng		98
69) Atrazine	11.13	200	550559	37.097	ng		98
70) Pentachlorophenol	11.23	266	455920	41.124	ng		99
71) Phenanthrene	11.46	178	3871352	42.037	ng		99
72) Anthracene	11.52	178	3803447	41.808	ng		100
73) Carbazole	11.66	167	3559659	41.454	ng		99
74) Di-n-butylphthalate	12.00	149	4234936	40.673	ng		99
75) Fluoranthene	12.66	202	4208566	42.054	ng		99
77) Benzidine	12.78	184	1731655	33.156	ng		98
78) Pyrene	12.89	202	4276431	38.401	ng		99
80) Butylbenzylphthalate	13.52	149	1834375	36.969	ng		94
81) Benzo(a)anthracene	14.10	228	3795303	38.691	ng		99
82) 3,3'-Dichlorobenzidine	14.06	252	1420798	39.263	ng		99
83) Chrysene	14.13	228	3660844	39.456	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	2502319	38.753	ng		99
85) Di-n-octyl phthalate	14.72	149	4277947	37.596	ng		98
86) Indeno(1,2,3-cd)pyrene	17.19	276	4483049	38.560	ng		98
88) Benzo(b)fluoranthene	15.18	252	4133315	40.685	ng		98
89) Benzo(k)fluoranthene	15.21	252	3590762	38.623	ng		99
90) Benzo(a)pyrene	15.57	252	3678632	40.112	ng		98
91) Dibenzo(a,h)anthracene	17.21	278	3626958	39.547	ng		99
92) Benzo(g,h,i)perylene	17.66	276	3572338	39.354	ng		98

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

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