Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000703.D
Acq On : 14 Oct 2019 12:16
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Oct 15 02:40:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	205248	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	764657	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	423261	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	797686	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	667712	20.00	ng		0.00
87) Perylene-d12	15.45	264	800354	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1001521	78.44	ng		-0.02
7) Phenol-d6	6.39	99	1215040	78.97	ng		-0.02
23) Nitrobenzene-d5	7.32	82	978969	78.19	ng		-0.02
42) 2,4,6-Tribromophenol	10.60	330	367402	81.46	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	2069085	79.09	ng		-0.02
79) Terphenyl-d14	12.90	244	2569095	77.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	196690	38.575	ng		100
3) Pyridine	3.13	79	531204	38.130	ng		99
4) n-Nitrosodimethylamine	3.08	42	151079	38.538	ng		99
6) Aniline	6.41	93	733469	39.238	ng	#	75
8) 2-Chlorophenol	6.54	128	495782	39.343	ng		98
9) Benzaldehyde	6.30	77	354124	44.184	ng		98
10) Phenol	6.40	94	616660	39.143	ng		92
11) bis(2-Chloroethyl)ether	6.49	93	471571	38.907	ng		99
12) 1,3-Dichlorobenzene	6.69	146	595284	38.969	ng		98
13) 1,4-Dichlorobenzene	6.77	146	596058	38.778	ng		98
14) 1,2-Dichlorobenzene	6.92	146	557828	39.307	ng		99
15) Benzyl Alcohol	6.89	79	391430	39.391	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	442367	39.568	ng		98
17) 2-Methylphenol	7.01	107	408036	39.180	ng		98
18) Hexachloroethane	7.26	117	210833	38.539	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	270542	38.146	ng		100
20) 3+4-Methylphenols	7.16	107	483975	39.715	ng		92
22) Acetophenone	7.16	105	762894	43.178	ng	#	98
24) Nitrobenzene	7.33	77	478440	39.622	ng		99
25) Isophorone	7.57	82	870163	39.161	ng		97
26) 2-Nitrophenol	7.65	139	257002	40.472	ng		96
27) 2,4-Dimethylphenol	7.69	122	386575	39.714	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	592302	39.224	ng		99
29) 2,4-Dichlorophenol	7.90	162	437454	39.747	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	508527	39.342	ng		99
31) Naphthalene	8.06	128	1423233	39.853	ng		99
32) Benzoic acid	7.82	122	268777	43.730	ng		98
33) 4-Chloroaniline	8.10	127	630962	40.239	ng		100
34) Hexachlorobutadiene	8.18	225	304059	38.925	ng		97
35) Caprolactam	8.48	113	149676	40.603	ng		95
36) 4-Chloro-3-methylphenol	8.59	107	431180	40.000	ng		98
37) 2-Methylnaphthalene	8.75	142	964823	40.245	ng		99
38) 1-Methylnaphthalene	8.85	142	913360	40.321	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	599835	44.774	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	204405	41.938	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	317430	38.491	ng	97
44) 2,4,5-Trichlorophenol	9.08	196	330814	38.852	ng	96
46) 1,1'-Biphenyl	9.22	154	1394348	43.643	ng	99
47) 2-Chloronaphthalene	9.25	162	972071	39.347	ng	100
48) 2-Nitroaniline	9.34	65	243810	40.764	ng	91
49) Acenaphthylene	9.66	152	1471574	39.482	ng	99
50) Dimethylphthalate	9.52	163	1146894	38.996	ng	100
51) 2,6-Dinitrotoluene	9.58	165	254285	39.648	ng	94
52) Acenaphthene	9.83	154	859564	38.018	ng	99
53) 3-Nitroaniline	9.75	138	291486	39.664	ng	95
54) 2,4-Dinitrophenol	9.86	184	85589	39.993	ng	98
55) Dibenzofuran	10.00	168	1340629	39.667	ng	100
56) 4-Nitrophenol	9.92	139	167585	35.719	ng	97
57) 2,4-Dinitrotoluene	9.99	165	342414	40.266	ng	95
58) Fluorene	10.35	166	1024494	42.532	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	271524	37.723	ng	99
60) Diethylphthalate	10.23	149	1103987	39.544	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	535732	41.360	ng	98
62) 4-Nitroaniline	10.37	138	303906	42.999	ng	97
63) Azobenzene	10.50	77	908817	42.400	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	128096	36.225	ng	98
66) n-Nitrosodiphenylamine	10.46	169	933933	40.199	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	349366	38.908	ng	98
68) Hexachlorobenzene	10.91	284	386883	37.915	ng	96
69) Atrazine	11.00	200	300869	39.463	ng	99
70) Pentachlorophenol	11.11	266	137752	33.612	ng	98
71) Phenanthrene	11.32	178	1596042	39.840	ng	99
72) Anthracene	11.38	178	1595565	40.168	ng	100
73) Carbazole	11.53	167	1480588	40.209	ng	98
74) Di-n-butylphthalate	11.87	149	1805614	40.254	ng	99
75) Fluoranthene	12.53	202	1784671	39.665	ng	99
77) Benzidine	12.65	184	753475	38.969	ng	99
78) Pyrene	12.76	202	1846266	40.091	ng	99
80) Butylbenzylphthalate	13.39	149	798701	39.801	ng	99
81) Benzo(a)anthracene	13.96	228	1619702	39.757	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	667184	41.229	ng	97
83) Chrysene	14.00	228	1606979	40.188	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1013868	40.172	ng	98
85) Di-n-octyl phthalate	14.58	149	1898758	41.507	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2045994	40.962	ng	100
88) Benzo(b)fluoranthene	15.02	252	1827533	40.249	ng	98
89) Benzo(k)fluoranthene	15.05	252	1609400	37.230	ng	98
90) Benzo(a)pyrene	15.39	252	1656112	39.126	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	1643655	40.038	ng	98
92) Benzo(g,h,i)perylene	17.37	276	1684717	40.387	ng	99

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

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