Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001157.D
Acq On : 03 Dec 2019 16:11
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Dec 04 03:41:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	125656	20.00	ng		-0.01
21) Naphthalene-d8	10.35	136	439818	20.00	ng		-0.01
39) Acenaphthene-d10	13.22	164	245456	20.00	ng		-0.02
64) Phenanthrene-d10	15.61	188	470042	20.00	ng		-0.02
76) Chrysene-d12	19.26	240	362324	20.00	ng		-0.02
87) Perylene-d12	21.03	264	390536	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	649937	85.81	ng		-0.01
7) Phenol-d6	7.76	99	840127	83.26	ng		0.00
23) Nitrobenzene-d5	9.20	82	870306	85.85	ng		-0.01
42) 2,4,6-Tribromophenol	14.51	330	207409	88.16	ng		-0.01
45) 2-Fluorobiphenyl	12.13	172	1385965	82.64	ng		-0.02
79) Terphenyl-d14	17.90	244	1579677	80.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	147406	41.667	ng		95
3) Pyridine	3.39	79	407967	41.559	ng		93
4) n-Nitrosodimethylamine	3.31	42	199336	46.926	ng		84
6) Aniline	7.79	93	536072	40.070	ng	#	87
8) 2-Chlorophenol	7.97	128	321837	41.071	ng		99
9) Benzaldehyde	7.61	77	255140	43.445	ng		99
10) Phenol	7.78	94	468924	40.856	ng		89
11) bis(2-Chloroethyl)ether	7.92	93	348989	39.048	ng		98
12) 1,3-Dichlorobenzene	8.22	146	384572	41.405	ng		98
13) 1,4-Dichlorobenzene	8.34	146	385166	41.166	ng		98
14) 1,2-Dichlorobenzene	8.58	146	361519	41.056	ng		99
15) Benzyl Alcohol	8.55	79	353819	42.717	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	544704	37.909	ng		99
17) 2-Methylphenol	8.73	107	285186	39.675	ng		97
18) Hexachloroethane	9.12	117	161284	41.670	ng		97
19) n-Nitroso-di-n-propylamine	8.99	70	278604	38.265	ng		96
20) 3+4-Methylphenols	8.99	107	363893	40.160	ng		94
22) Acetophenone	8.96	105	538316	41.643	ng	#	96
24) Nitrobenzene	9.23	77	428503	42.508	ng		97
25) Isophorone	9.62	82	724130	39.835	ng		99
26) 2-Nitrophenol	9.74	139	155821	42.201	ng		96
27) 2,4-Dimethylphenol	9.83	122	239603	40.968	ng		96
28) bis(2-Chloroethoxy)methane	9.99	93	445337	39.046	ng		100
29) 2,4-Dichlorophenol	10.13	162	278071	41.774	ng		99
30) 1,2,4-Trichlorobenzene	10.27	180	329484	42.378	ng		99
31) Naphthalene	10.39	128	926426	41.243	ng		99
32) Benzoic acid	10.00	122	181294	42.877	ng		97
33) 4-Chloroaniline	10.48	127	394723	40.494	ng		99
34) Hexachlorobutadiene	10.61	225	212816	43.513	ng		99
35) Caprolactam	11.06	113	91984	40.095	ng		97
36) 4-Chloro-3-methylphenol	11.29	107	325223	41.208	ng		98
37) 2-Methylnaphthalene	11.52	142	623584	40.684	ng		98
38) 1-Methylnaphthalene	11.67	142	583327	40.288	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	328060	42.410	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	131824	36.940	ng		98
43) 2,4,6-Trichlorophenol	11.98	196	213265	42.225	ng		99
44) 2,4,5-Trichlorophenol	12.03	196	218923	41.834	ng		95
46) 1,1'-Biphenyl	12.29	154	777740	40.999	ng		99
47) 2-Chloronaphthalene	12.31	162	626711	41.360	ng		99
48) 2-Nitroaniline	12.47	65	254664	42.883	ng		96
49) Acenaphthylene	12.98	152	941417	41.448	ng		100
50) Dimethylphthalate	12.81	163	744569	40.559	ng		100
51) 2,6-Dinitrotoluene	12.89	165	158267	40.274	ng		89
52) Acenaphthene	13.27	154	561261	41.080	ng		99
53) 3-Nitroaniline	13.15	138	181285	41.066	ng		99
54) 2,4-Dinitrophenol	13.32	184	62968	42.852	ng	#	87
55) Dibenzofuran	13.56	168	852224	41.510	ng		99
56) 4-Nitrophenol	13.44	139	133669	42.732	ng		86
57) 2,4-Dinitrotoluene	13.55	165	210910	42.818	ng		89
58) Fluorene	14.12	166	679747	41.319	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.76	232	182626	42.454	ng		98
60) Diethylphthalate	13.97	149	755039	39.722	ng		100
61) 4-Chlorophenyl-phenylether	14.13	204	344325	41.102	ng		97
62) 4-Nitroaniline	12.47	138	210305	41.091	ng		94
63) Azobenzene	14.39	77	831567	40.472	ng		96
65) 4,6-Dinitro-2-methylphenol	14.21	198	73908	38.144	ng		96
66) n-Nitrosodiphenylamine	14.33	169	583591	40.862	ng		99
67) 4-Bromophenyl-phenylether	14.93	248	203237	39.826	ng		94
68) Hexachlorobenzene	15.02	284	230713	41.124	ng		98
69) Atrazine	15.22	200	174182	39.943	ng		97
70) Pentachlorophenol	15.32	266	128146	43.825	ng		96
71) Phenanthrene	15.65	178	1025306	41.491	ng		99
72) Anthracene	15.73	178	1031455	42.348	ng		100
73) Carbazole	15.97	167	936661	42.261	ng		99
74) Di-n-butylphthalate	16.53	149	1193060	40.036	ng		99
75) Fluoranthene	17.36	202	1126823	43.072	ng		99
77) Benzidine	17.55	184	345728	36.957	ng		99
78) Pyrene	17.67	202	1146860	40.188	ng		99
80) Butylbenzylphthalate	18.55	149	529549	40.175	ng		98
81) Benzo(a)anthracene	19.24	228	1035227	41.209	ng		100
82) 3,3'-Dichlorobenzidine	19.22	252	365425	44.032	ng		98
83) Chrysene	19.29	228	941353	41.847	ng		99
84) Bis(2-ethylhexyl)phthalate	19.30	149	687229	37.922	ng		100
85) Di-n-octyl phthalate	20.08	149	1213976	37.710	ng		98
86) Indeno(1,2,3-cd)pyrene	22.68	276	1069548	40.343	ng		97
88) Benzo(b)fluoranthene	20.54	252	1004784	42.122	ng		99
89) Benzo(k)fluoranthene	20.58	252	923732	40.206	ng		98
90) Benzo(a)pyrene	20.96	252	908542	41.350	ng		99
91) Dibenzo(a,h)anthracene	22.71	278	870467	40.483	ng		98
92) Benzo(g,h,i)perylene	23.17	276	866607	40.816	ng		99

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

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