Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060420\
Data File : BP002361.D
Acq On : 04 Jun 2020 12:12
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC020

Quant Time: Jun 04 13:31:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 13:20:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	205385	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	856536	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	552463	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1238978	20.00	ng		0.00
76) Chrysene-d12	21.11	240	1295110	20.00	ng		0.00
86) Perylene-d12	23.32	264	1411165	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	529372	48.41	ng		0.00
7) Phenol-d6	6.79	99	711083	47.80	ng		0.00
23) Nitrobenzene-d5	8.75	82	660741	46.38	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	312121	59.61	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	1631593	52.11	ng		0.00
79) Terphenyl-d14	19.59	244	2683236	50.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	115714	23.011	ng		99
3) Pyridine	3.56	79	339160	23.565	ng		99
4) n-Nitrosodimethylamine	3.48	42	124307	22.423	ng	#	100
6) Aniline	6.93	93	473590	23.041	ng		99
8) 2-Chlorophenol	7.18	128	297893	23.805	ng		99
9) Benzaldehyde	6.75	77	183078	22.018	ng		98
10) Phenol	6.82	94	378497	23.123	ng		99
11) bis(2-Chloroethyl)ether	7.03	93	313150	22.979	ng		97
12) 1,3-Dichlorobenzene	7.49	146	343774	23.974	ng		99
13) 1,4-Dichlorobenzene	7.64	146	343903	23.880	ng		99
14) 1,2-Dichlorobenzene	7.95	146	337171	24.489	ng		98
15) Benzyl Alcohol	7.84	79	261838	23.164	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	437727	23.281	ng		99
17) 2-Methylphenol	8.05	107	275831	23.593	ng		99
18) Hexachloroethane	8.68	117	122830	23.831	ng		95
19) n-Nitroso-di-n-propylamine	8.40	70	236939	24.018	ng		98
20) 3+4-Methylphenols	8.38	107	379926	23.914	ng		97
22) Acetophenone	8.42	105	468269	23.945	ng	#	99
24) Nitrobenzene	8.79	77	352756	22.713	ng		99
25) Isophorone	9.31	82	686761	23.471	ng		99
26) 2-Nitrophenol	9.50	139	160764	24.297	ng		99
27) 2,4-Dimethylphenol	9.58	122	256529	23.546	ng		98
28) bis(2-Chloroethoxy)methane	9.80	93	409514	23.001	ng		99
29) 2,4-Dichlorophenol	10.03	162	288777	24.053	ng		98
30) 1,2,4-Trichlorobenzene	10.25	180	329613	24.380	ng		99
31) Naphthalene	10.43	128	953604	23.740	ng		99
32) Benzoic acid	9.69	122	142972	18.310	ng		99
33) 4-Chloroaniline	10.53	127	417257	23.648	ng		99
34) Hexachlorobutadiene	10.73	225	200416	25.417	ng		99
35) Caprolactam	11.29	113	102142	24.563	ng		99
36) 4-Chloro-3-methylphenol	11.68	107	313378	24.238	ng		100
37) 2-Methylnaphthalene	12.05	142	704650	25.018	ng		99
38) 1-Methylnaphthalene	12.27	142	669152	25.027	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	371595	25.311	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	183185	23.468	ng	97
43) 2,4,6-Trichlorophenol	12.67	196	251233	24.714	ng	96
44) 2,4,5-Trichlorophenol	12.75	196	288955	24.495	ng	99
46) 1,1'-Biphenyl	13.07	154	873374	24.125	ng	99
47) 2-Chloronaphthalene	13.11	162	725592	24.293	ng	99
48) 2-Nitroaniline	13.32	65	205030	22.323	ng	100
49) Acenaphthylene	13.96	152	1133724	23.955	ng	99
50) Dimethylphthalate	13.72	163	912208	24.394	ng	99
51) 2,6-Dinitrotoluene	13.82	165	194519	23.969	ng	96
52) Acenaphthene	14.32	154	675405	22.183	ng	100
53) 3-Nitroaniline	14.15	138	216327	23.298	ng	100
54) 2,4-Dinitrophenol	14.36	184	94609	23.071	ng	96
55) Dibenzofuran	14.65	168	1100629	24.448	ng	99
56) 4-Nitrophenol	14.48	139	167667	22.847	ng	99
57) 2,4-Dinitrotoluene	14.62	165	263309	24.139	ng	94
58) Fluorene	15.30	166	856209	25.644	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.89	232	240972	25.647	ng	99
60) Diethylphthalate	15.09	149	902645	24.409	ng	100
61) 4-Chlorophenyl-phenylether	15.31	204	457989	25.994	ng	99
62) 4-Nitroaniline	15.32	138	212337	24.704	ng	99
63) Azobenzene	15.60	77	858117	22.629	ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	146608	23.928	ng	99
66) n-Nitrosodiphenylamine	15.52	169	772550	23.747	ng	100
67) 4-Bromophenyl-phenylether	16.20	248	305658	25.103	ng	99
68) Hexachlorobenzene	16.32	284	332792	25.870	ng	99
69) Atrazine	16.49	200	243511	23.464	ng	99
70) Pentachlorophenol	16.66	266	182228	23.221	ng	97
71) Phenanthrene	17.05	178	1437180	24.489	ng	99
72) Anthracene	17.14	178	1418674	24.567	ng	99
73) Carbazole	17.41	167	1380631	24.450	ng	99
74) Di-n-butylphthalate	17.99	149	1578021	24.563	ng	100
75) Fluoranthene	19.03	202	1732142	25.625	ng	99
77) Benzidine	19.22	184	685167	26.051	ng	98
78) Pyrene	19.39	202	1807478	22.412	ng	99
80) Butylbenzylphthalate	20.28	149	727402	22.655	ng	99
81) Benzo(a)anthracene	21.10	228	1752357	23.637	ng	99
82) 3,3'-Dichlorobenzidine	21.03	252	643504	24.775	ng	99
83) Chrysene	21.15	228	1698699	23.875	ng	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	1086032	22.135	ng	99
85) Di-n-octyl phthalate	21.92	149	1865061	22.871	ng	99
87) Indeno(1,2,3-cd)pyrene	25.54	276	2125361	24.332	ng	98
88) Benzo(b)fluoranthene	22.66	252	1831996	23.812	ng	99
89) Benzo(k)fluoranthene	22.70	252	1750177	23.706	ng	99
90) Benzo(a)pyrene	23.22	252	1693110	23.724	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	1761298	24.732	ng	99
92) Benzo(g,h,i)perylene	26.21	276	1725874	23.758	ng	98

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

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