Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002872.D
Acq On : 30 Jul 2020 11:33
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC010

Quant Time: Jul 30 13:20:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 13:10:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	452396	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1768965	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	1064106	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	2228289	20.00	ng		0.00
76) Chrysene-d12	21.20	240	2228509	20.00	ng		0.00
86) Perylene-d12	23.46	264	2199232	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	588856	21.96	ng		0.00
7) Phenol-d6	6.89	99	824228	21.54	ng		0.00
23) Nitrobenzene-d5	8.86	82	597093	18.05	ng		0.00
42) 2,4,6-Tribromophenol	15.85	330	235481	21.20	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	1631631	23.72	ng		0.00
79) Terphenyl-d14	19.68	244	2457730	25.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	127551	10.911	ng		98
3) Pyridine	3.66	79	348386	10.000	ng		98
4) n-Nitrosodimethylamine	3.57	42	103398	7.878	ng	#	99
6) Aniline	7.05	93	479035	9.888	ng		99
8) 2-Chlorophenol	7.28	128	317380	10.639	ng		98
9) Benzaldehyde	6.86	77	237999	11.447	ng		99
10) Phenol	6.91	94	414146	10.565	ng		100
11) bis(2-Chloroethyl)ether	7.15	93	324083	9.940	ng		98
12) 1,3-Dichlorobenzene	7.61	146	365806	10.693	ng		98
13) 1,4-Dichlorobenzene	7.75	146	367199	10.696	ng		99
14) 1,2-Dichlorobenzene	8.07	146	354325	10.703	ng		98
15) Benzyl Alcohol	7.95	79	260257	10.163	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.26	45	312779	6.670	ng		99
17) 2-Methylphenol	8.16	107	264139	9.458	ng		99
18) Hexachloroethane	8.80	117	125479	10.319	ng		98
19) n-Nitroso-di-n-propylamine	8.52	70	237719	10.201	ng		99
20) 3+4-Methylphenols	8.48	107	350960	9.504	ng		96
22) Acetophenone	8.53	105	490075	11.238	ng		98
24) Nitrobenzene	8.90	77	330801	9.235	ng		99
25) Isophorone	9.43	82	670906	9.953	ng		100
26) 2-Nitrophenol	9.61	139	99567	6.436	ng		96
27) 2,4-Dimethylphenol	9.68	122	266431	10.607	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	377751	9.226	ng		99
29) 2,4-Dichlorophenol	10.15	162	272750	9.849	ng		98
30) 1,2,4-Trichlorobenzene	10.36	180	335478	10.577	ng		99
31) Naphthalene	10.55	128	1020622	10.928	ng		99
32) Benzoic acid	9.75	122	92658	5.401	ng		97
33) 4-Chloroaniline	10.65	127	408251	10.201	ng		99
34) Hexachlorobutadiene	10.85	225	204166	11.136	ng		100
35) Caprolactam	11.39	113	77983	8.054	ng		92
36) 4-Chloro-3-methylphenol	11.78	107	282976	9.480	ng		96
37) 2-Methylnaphthalene	12.16	142	711765	10.800	ng		99
38) 1-Methylnaphthalene	12.39	142	670613	10.758	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	374853	11.462	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	173936	14.775	ng		98
43) 2,4,6-Trichlorophenol	12.77	196	198337	9.475	ng		100
44) 2,4,5-Trichlorophenol	12.85	196	221564	9.126	ng		100
46) 1,1'-Biphenyl	13.19	154	892368	11.249	ng		99
47) 2-Chloronaphthalene	13.22	162	691728	10.735	ng		99
48) 2-Nitroaniline	13.42	65	114748	5.761	ng		95
49) Acenaphthylene	14.07	152	1066323	10.498	ng		99
50) Dimethylphthalate	13.82	163	826510	10.185	ng		99
51) 2,6-Dinitrotoluene	13.92	165	141628	8.152	ng		96
52) Acenaphthene	14.42	154	679622	11.195	ng		100
53) 3-Nitroaniline	14.25	138	146023	7.512	ng	#	94
54) 2,4-Dinitrophenol	14.45	184	40818	5.975	ng		93
55) Dibenzofuran	14.76	168	1087120	11.166	ng		99
56) 4-Nitrophenol	14.55	139	112998	8.332	ng		99
57) 2,4-Dinitrotoluene	14.71	165	168066	7.345	ng		90
58) Fluorene	15.40	166	852190	11.829	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	186600	9.750	ng		100
60) Diethylphthalate	15.19	149	800060	10.168	ng		99
61) 4-Chlorophenyl-phenylether	15.41	204	431104	11.262	ng		98
62) 4-Nitroaniline	15.40	138	148404	7.715	ng		94
63) Azobenzene	15.70	77	821938	10.160	ng		97
65) 4,6-Dinitro-2-methylphenol	15.47	198	68140	5.646	ng		92
66) n-Nitrosodiphenylamine	15.62	169	736185	11.184	ng		99
67) 4-Bromophenyl-phenylether	16.30	248	260313	10.725	ng		98
68) Hexachlorobenzene	16.42	284	302210	11.817	ng		100
69) Atrazine	16.57	200	233225	12.978	ng		97
70) Pentachlorophenol	16.76	266	130923	13.070	ng		97
71) Phenanthrene	17.15	178	1323877	10.973	ng		98
72) Anthracene	17.24	178	1285602	10.859	ng		98
73) Carbazole	17.50	167	1258707	10.834	ng		99
74) Di-n-butylphthalate	18.09	149	1267386	10.059	ng		99
75) Fluoranthene	19.12	202	1506924	10.779	ng		99
77) Benzidine	19.30	184	622393	11.268	ng		99
78) Pyrene	19.47	202	1558919	10.132	ng		97
80) Butylbenzylphthalate	20.37	149	479791	7.902	ng		98
81) Benzo(a)anthracene	21.19	228	1526528	10.582	ng		97
82) 3,3'-Dichlorobenzidine	21.12	252	527795	11.047	ng		99
83) Chrysene	21.23	228	1448777	10.551	ng		97
84) Bis(2-ethylhexyl)phthalate	21.15	149	769172	9.108	ng		96
85) Di-n-octyl phthalate	22.03	149	1147036	7.555	ng		98
87) Indeno(1,2,3-cd)pyrene	25.77	276	1619313	10.187	ng		99
88) Benzo(b)fluoranthene	22.78	252	1459629	10.689	ng		99
89) Benzo(k)fluoranthene	22.83	252	1429638	10.628	ng		99
90) Benzo(a)pyrene	23.36	252	1303523	10.073	ng		99
91) Dibenzo(a,h)anthracene	25.79	278	1401561	10.933	ng		99
92) Benzo(g,h,i)perylene	26.47	276	1339834	10.309	ng		99

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

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