Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002874.D
Acq On : 30 Jul 2020 12:41
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
7/31/2020 12:10:53 PM

Quant Time: Jul 30 13:33:01 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	459975	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1735452	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	1028447	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	2137043	20.00	ng	0.00
76) Chrysene-d12	21.20	240	2110756	20.00	ng	0.00
86) Perylene-d12	23.47	264	2080058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2475526	90.80	ng	0.00
7) Phenol-d6	6.89	99	3471498	89.22	ng	0.00
23) Nitrobenzene-d5	8.86	82	2697453	83.13	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1088729	101.42	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	6226229	93.65	ng	0.00
79) Terphenyl-d14	19.69	244	8786883	95.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	527219	44.356	ng	100
3) Pyridine	3.65	79	1487462m	41.992	ng	
4) n-Nitrosodimethylamine	3.57	42	440959	33.045	ng	100
6) Aniline	7.05	93	1995099	40.504	ng	100
8) 2-Chlorophenol	7.29	128	1324207	43.656	ng	100
9) Benzaldehyde	6.86	77	911660	43.126	ng	100
10) Phenol	6.92	94	1734323	43.513	ng	100
11) bis(2-Chloroethyl)ether	7.15	93	1339464	40.404	ng	100
12) 1,3-Dichlorobenzene	7.61	146	1476035	42.437	ng	100
13) 1,4-Dichlorobenzene	7.75	146	1499878	42.969	ng	100
14) 1,2-Dichlorobenzene	8.07	146	1429869	42.478	ng	100
15) Benzyl Alcohol	7.95	79	1153963	44.320	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.26	45	1250266	26.223	ng	100
17) 2-Methylphenol	8.16	107	1114316	39.243	ng	100
18) Hexachloroethane	8.80	117	521530	42.183	ng	100
19) n-Nitroso-di-n-propylamine	8.52	70	1011981	42.710	ng	100
20) 3+4-Methylphenols	8.49	107	1512369	40.280	ng	100
22) Acetophenone	8.53	105	2030239	47.454	ng	100
24) Nitrobenzene	8.90	77	1462053	41.605	ng	100
25) Isophorone	9.43	82	2877476	43.510	ng	100
26) 2-Nitrophenol	9.61	139	534599	35.222	ng	100
27) 2,4-Dimethylphenol	9.68	122	1138710	46.211	ng	100
28) bis(2-Chloroethoxy)methane	9.92	93	1580822	39.354	ng	100
29) 2,4-Dichlorophenol	10.15	162	1207459	44.445	ng	100
30) 1,2,4-Trichlorobenzene	10.36	180	1383958	44.475	ng	100
31) Naphthalene	10.55	128	4079631	44.526	ng	100
32) Benzoic acid	9.81	122	569255	33.820	ng	100
33) 4-Chloroaniline	10.65	127	1705775	43.447	ng	100
34) Hexachlorobutadiene	10.85	225	850117	47.266	ng	100
35) Caprolactam	11.41	113	379716	39.974	ng	100
36) 4-Chloro-3-methylphenol	11.79	107	1250654	42.707	ng	100
37) 2-Methylnaphthalene	12.17	142	2913881	45.068	ng	100
38) 1-Methylnaphthalene	12.39	142	2734248	44.711	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1534955	48.564	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	821253	72.179 ng	100
43) 2,4,6-Trichlorophenol	12.78	196	906560	44.810 ng	100
44) 2,4,5-Trichlorophenol	12.85	196	990287	42.203 ng	100
46) 1,1'-Biphenyl	13.19	154	3518181	45.886 ng	100
47) 2-Chloronaphthalene	13.22	162	2766769	44.428 ng	100
48) 2-Nitroaniline	13.42	65	632900	32.878 ng	100
49) Acenaphthylene	14.07	152	4340145	44.209 ng	100
50) Dimethylphthalate	13.82	163	3317672	42.299 ng	100
51) 2,6-Dinitrotoluene	13.92	165	703443	41.893 ng	100
52) Acenaphthene	14.42	154	2777010	47.331 ng	100
53) 3-Nitroaniline	14.25	138	733071	39.020 ng	100
54) 2,4-Dinitrophenol	14.45	184	251069	38.024 ng	100
55) Dibenzofuran	14.76	168	4229285	44.945 ng	100
56) 4-Nitrophenol	14.56	139	588939	44.934 ng	100
57) 2,4-Dinitrotoluene	14.72	165	917484	41.489 ng	100
58) Fluorene	15.41	166	3350279	48.117 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	820630	44.367 ng	100
60) Diethylphthalate	15.20	149	3246759	42.695 ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	1721452	46.530 ng	100
62) 4-Nitroaniline	15.42	138	744292	40.033 ng	100
63) Azobenzene	15.70	77	3292093	42.103 ng	100
65) 4,6-Dinitro-2-methylphenol	15.48	198	409631	35.390 ng	100
66) n-Nitrosodiphenylamine	15.62	169	2951361	46.751 ng	100
67) 4-Bromophenyl-phenylether	16.30	248	1072490	46.072 ng	100
68) Hexachlorobenzene	16.42	284	1241213	50.607 ng	100
69) Atrazine	16.58	200	1014020	58.837 ng	100
70) Pentachlorophenol	16.76	266	635235	66.122 ng	100
71) Phenanthrene	17.15	178	5181225	44.779 ng	100
72) Anthracene	17.24	178	5095542	44.877 ng	100
73) Carbazole	17.51	167	4980107	44.696 ng	100
74) Di-n-butylphthalate	18.09	149	5411259	44.780 ng	100
75) Fluoranthene	19.13	202	6028433	44.964 ng	100
77) Benzidine	19.30	184	2702540	51.655 ng	100
78) Pyrene	19.47	202	6126890	42.042 ng	100
80) Butylbenzylphthalate	20.37	149	2324982	40.428 ng	100
81) Benzo(a)anthracene	21.19	228	5968666	43.683 ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	2454636	54.245 ng	100
83) Chrysene	21.24	228	5646284	43.412 ng	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	3533491	44.177 ng	100
85) Di-n-octyl phthalate	22.03	149	5674444	39.460 ng	100
87) Indeno(1,2,3-cd)pyrene	25.79	276	7058969	46.954 ng	100
88) Benzo(b)fluoranthene	22.79	252	6258981	48.459 ng	100
89) Benzo(k)fluoranthene	22.83	252	5869598	46.137 ng	100
90) Benzo(a)pyrene	23.37	252	5658825	46.234 ng	100
91) Dibenzo(a,h)anthracene	25.80	278	6053380	49.927 ng	100
92) Benzo(g,h,i)perylene	26.49	276	5756870	46.831 ng	100

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

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