Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002878.D
Acq On : 30 Jul 2020 15:35
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP073020

Manual Integrations APPROVED
Sohil
7/31/2020 12:10:57 PM

Quant Time: Jul 30 16:22:27 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 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	475828	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1784076	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	1078147	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	2253751	20.00	ng	0.00
76) Chrysene-d12	21.21	240	2217261	20.00	ng	0.01
86) Perylene-d12	23.48	264	2212003	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2620501	84.29	ng	0.00
7) Phenol-d6	6.89	99	3615978	83.77	ng	0.00
23) Nitrobenzene-d5	8.86	82	2862695	86.91	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1192536	88.99	ng	0.00
45) 2-Fluorobiphenyl	12.99	172	6487303	82.21	ng	0.00
79) Terphenyl-d14	19.69	244	9157421	82.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	554064	41.517	ng	100
3) Pyridine	3.65	79	1565541m	42.105	ng	
4) n-Nitrosodimethylamine	3.57	42	464700	42.547	ng	97
6) Aniline	7.05	93	2078056	41.496	ng	99
8) 2-Chlorophenol	7.29	128	1378506	41.586	ng	100
9) Benzaldehyde	6.86	77	949227	41.303	ng	99
10) Phenol	6.92	94	1807683	41.583	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	1374913	41.120	ng	100
12) 1,3-Dichlorobenzene	7.61	146	1525093	40.763	ng	99
13) 1,4-Dichlorobenzene	7.75	146	1542270	40.782	ng	99
14) 1,2-Dichlorobenzene	8.07	146	1462530	40.553	ng	99
15) Benzyl Alcohol	7.95	79	1209677	42.475	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1265470	40.285	ng	100
17) 2-Methylphenol	8.16	107	1146662	41.278	ng	100
18) Hexachloroethane	8.80	117	545634	41.365	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	1048419	42.154	ng	99
20) 3+4-Methylphenols	8.49	107	1562964	41.747	ng	99
22) Acetophenone	8.53	105	2084787	41.417	ng	100
24) Nitrobenzene	8.90	77	1527282	42.708	ng	99
25) Isophorone	9.43	82	2995770	42.334	ng	100
26) 2-Nitrophenol	9.62	139	605859	41.287	ng	96
27) 2,4-Dimethylphenol	9.69	122	1189626	42.214	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1635707	41.431	ng	99
29) 2,4-Dichlorophenol	10.15	162	1260614	42.503	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	1419679	40.947	ng	99
31) Naphthalene	10.55	128	4173579	40.866	ng	100
32) Benzoic acid	9.81	122	675834	41.934	ng	98
33) 4-Chloroaniline	10.65	127	1751321	41.379	ng	99
34) Hexachlorobutadiene	10.86	225	877594	41.362	ng	99
35) Caprolactam	11.42	113	416295	45.362	ng	98
36) 4-Chloro-3-methylphenol	11.79	107	1326676	43.031	ng	98
37) 2-Methylnaphthalene	12.17	142	3001887	41.322	ng	99
38) 1-Methylnaphthalene	12.39	142	2834619	41.451	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	1585635	40.906	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.54	237	856274	42.581 ng	99
43) 2,4,6-Trichlorophenol	12.78	196	976090	43.447 ng	100
44) 2,4,5-Trichlorophenol	12.85	196	1069681	43.402 ng	99
46) 1,1'-Biphenyl	13.19	154	3616754	40.579 ng	99
47) 2-Chloronaphthalene	13.23	162	2857320	40.940 ng	99
48) 2-Nitroaniline	13.42	65	706645	41.204 ng	99
49) Acenaphthylene	14.08	152	4511005	41.213 ng	100
50) Dimethylphthalate	13.82	163	3491797	41.409 ng	99
51) 2,6-Dinitrotoluene	13.93	165	766807	40.803 ng	98
52) Acenaphthene	14.43	154	2906714	41.318 ng	100
53) 3-Nitroaniline	14.26	138	808347	41.011 ng	97
54) 2,4-Dinitrophenol	14.46	184	294495	41.128 ng	96
55) Dibenzofuran	14.76	168	4423654	40.994 ng	99
56) 4-Nitrophenol	14.56	139	656300	43.891 ng	99
57) 2,4-Dinitrotoluene	14.72	165	1008161	40.859 ng	99
58) Fluorene	15.42	166	3505961	41.497 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	903632	43.943 ng	99
60) Diethylphthalate	15.20	149	3431593	41.646 ng	100
61) 4-Chlorophenyl-phenylether	15.42	204	1800520	41.407 ng	100
62) 4-Nitroaniline	15.42	138	815839	42.011 ng	99
63) Azobenzene	15.71	77	3450683	41.598 ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	466344	40.904 ng	99
66) n-Nitrosodiphenylamine	15.63	169	3085078	41.332 ng	99
67) 4-Bromophenyl-phenylether	16.31	248	1150115	41.946 ng	99
68) Hexachlorobenzene	16.43	284	1320774	41.646 ng	96
69) Atrazine	16.59	200	1074073	42.473 ng	99
70) Pentachlorophenol	16.77	266	704157	42.817 ng	98
71) Phenanthrene	17.16	178	5409487	40.932 ng	100
72) Anthracene	17.25	178	5373647	41.602 ng	100
73) Carbazole	17.52	167	5228570	41.449 ng	100
74) Di-n-butylphthalate	18.10	149	5730313	43.184 ng	100
75) Fluoranthene	19.13	202	6360625	41.773 ng	99
77) Benzidine	19.31	184	2893225	42.792 ng	100
78) Pyrene	19.49	202	6489316	41.866 ng	100
80) Butylbenzylphthalate	20.38	149	2509127	40.369 ng	93
81) Benzo(a)anthracene	21.19	228	6271782	41.527 ng	100
82) 3,3'-Dichlorobenzidine	21.13	252	2623037	43.879 ng	99
83) Chrysene	21.25	228	5870044	41.203 ng	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	3802691	44.329 ng	100
85) Di-n-octyl phthalate	22.04	149	6029185	42.784 ng	100
87) Indeno(1,2,3-cd)pyrene	25.80	276	7436576	41.979 ng	100
88) Benzo(b)fluoranthene	22.80	252	6622893	42.428 ng	100
89) Benzo(k)fluoranthene	22.84	252	6149514	41.681 ng	99
90) Benzo(a)pyrene	23.38	252	5952017	42.199 ng	99
91) Dibenzo(a,h)anthracene	25.82	278	6359300	42.178 ng	99
92) Benzo(g,h,i)perylene	26.51	276	6034331	41.388 ng	100

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

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