Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002876.D
Acq On : 30 Jul 2020 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
7/31/2020 12:10:55 PM

Quant Time: Jul 30 14:27:12 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	492889	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1780477	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	1056597	20.00	ng		0.00
64) Phenanthrene-d10	17.11	188	2221885	20.00	ng		0.00
76) Chrysene-d12	21.20	240	2135776	20.00	ng		0.00
86) Perylene-d12	23.47	264	2195217	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	3838784	131.40	ng		0.00
7) Phenol-d6	6.89	99	5288606	126.85	ng		0.00
23) Nitrobenzene-d5	8.87	82	4205737	126.34	ng		0.00
42) 2,4,6-Tribromophenol	15.85	330	1704431	154.54	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	8908376	130.43	ng		0.00
79) Terphenyl-d14	19.69	244	11715650	125.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	821897	64.531	ng		99
3) Pyridine	3.65	79	2333677m	61.483	ng		
4) n-Nitrosodimethylamine	3.57	42	682680	47.744	ng		100
6) Aniline	7.05	93	3070903	58.182	ng		99
8) 2-Chlorophenol	7.29	128	2034043	62.580	ng		100
9) Benzaldehyde	6.86	77	1314152	58.014	ng		99
10) Phenol	6.92	94	2658671	62.250	ng		98
11) bis(2-Chloroethyl)ether	7.15	93	2027473	57.074	ng		98
12) 1,3-Dichlorobenzene	7.61	146	2273784	61.008	ng		99
13) 1,4-Dichlorobenzene	7.76	146	2277382	60.887	ng		99
14) 1,2-Dichlorobenzene	8.07	146	2147295	59.532	ng		99
15) Benzyl Alcohol	7.96	79	1787843	64.080	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.26	45	1866717	36.538	ng		100
17) 2-Methylphenol	8.16	107	1698537	55.823	ng		99
18) Hexachloroethane	8.80	117	821556	62.013	ng		97
19) n-Nitroso-di-n-propylamine	8.53	70	1524019	60.025	ng		99
20) 3+4-Methylphenols	8.49	107	2315562	57.554	ng		98
22) Acetophenone	8.53	105	3033096	69.102	ng	#	98
24) Nitrobenzene	8.90	77	2243709	62.233	ng		100
25) Isophorone	9.43	82	4378339	64.531	ng		99
26) 2-Nitrophenol	9.62	139	905107	58.124	ng		96
27) 2,4-Dimethylphenol	9.69	122	1755106	69.424	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	2429413	58.950	ng		100
29) 2,4-Dichlorophenol	10.15	162	1879847	67.445	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	2116938	66.309	ng		99
31) Naphthalene	10.55	128	6077102	64.649	ng		99
32) Benzoic acid	9.83	122	1024924	59.351	ng		99
33) 4-Chloroaniline	10.65	127	2585833	64.196	ng		99
34) Hexachlorobutadiene	10.85	225	1296197	70.245	ng		100
35) Caprolactam	11.43	113	610954	62.691	ng		99
36) 4-Chloro-3-methylphenol	11.79	107	1953702	65.028	ng		97
37) 2-Methylnaphthalene	12.17	142	4387178	66.139	ng		99
38) 1-Methylnaphthalene	12.39	142	4127836	65.793	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	2313709	71.252	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	1283920	109.836	ng	100
43) 2,4,6-Trichlorophenol	12.78	196	1421753	68.404	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	1554573	64.486	ng	98
46) 1,1'-Biphenyl	13.19	154	5185859	65.835	ng	99
47) 2-Chloronaphthalene	13.23	162	4061318	63.478	ng	99
48) 2-Nitroaniline	13.42	65	1045519	52.866	ng	99
49) Acenaphthylene	14.07	152	6430099	63.752	ng	98
50) Dimethylphthalate	13.82	163	5010018	62.174	ng	99
51) 2,6-Dinitrotoluene	13.93	165	1136967	65.907	ng	93
52) Acenaphthene	14.42	154	4206846	69.791	ng	99
53) 3-Nitroaniline	14.25	138	1189530	61.630	ng	97
54) 2,4-Dinitrophenol	14.46	184	450901	66.468	ng	90
55) Dibenzofuran	14.76	168	6244464	64.592	ng	99
56) 4-Nitrophenol	14.56	139	964992	71.664	ng	98
57) 2,4-Dinitrotoluene	14.72	165	1500099	66.027	ng	97
58) Fluorene	15.41	166	4877575	68.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	1321826	69.560	ng	99
60) Diethylphthalate	15.20	149	4901855	62.742	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	2527855	66.507	ng	98
62) 4-Nitroaniline	15.42	138	1166773	61.085	ng	98
63) Azobenzene	15.70	77	4897061	60.961	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	709826	58.984	ng	97
66) n-Nitrosodiphenylamine	15.62	169	4386372	66.829	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	1664889	68.789	ng	95
68) Hexachlorobenzene	16.42	284	1906319	74.756	ng	98
69) Atrazine	16.59	200	1558168	86.959	ng	99
70) Pentachlorophenol	16.76	266	1056046	105.727	ng	99
71) Phenanthrene	17.15	178	7636728	63.480	ng	98
72) Anthracene	17.25	178	7514667	63.656	ng	98
73) Carbazole	17.51	167	7325575	63.236	ng	98
74) Di-n-butylphthalate	18.09	149	8003334	63.701	ng	98
75) Fluoranthene	19.13	202	8870476	63.636	ng	96
77) Benzidine	19.30	184	3942768	74.477	ng	99
78) Pyrene	19.48	202	8952786	60.713	ng	97
80) Butylbenzylphthalate	20.37	149	3678084	63.207	ng	95
81) Benzo(a)anthracene	21.19	228	8598862	62.196	ng	97
82) 3,3'-Dichlorobenzidine	21.12	252	3825313	83.546	ng	98
83) Chrysene	21.24	228	8071822	61.335	ng	96
84) Bis(2-ethylhexyl)phthalate	21.14	149	5353099	66.142	ng	98
85) Di-n-octyl phthalate	22.03	149	8676598	59.630	ng	100
87) Indeno(1,2,3-cd)pyrene	25.80	276	11130074	70.150	ng	100
88) Benzo(b)fluoranthene	22.79	252	9694105	71.118	ng	98
89) Benzo(k)fluoranthene	22.84	252	8766880	65.295	ng	97
90) Benzo(a)pyrene	23.37	252	8742183	67.679	ng	98
91) Dibenzo(a,h)anthracene	25.81	278	9376193	73.276	ng	100
92) Benzo(g,h,i)perylene	26.50	276	9107549	70.202	ng	99

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

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