Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071020\
Data File : BP002722.D
Acq On : 10 Jul 2020 15:02
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
7/13/2020 1:05:34 PM

Quant Time: Jul 10 18:25:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 14:25:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	200192	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	778162	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	467382	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	1008771	20.00	ng		0.00
76) Chrysene-d12	21.07	240	902959	20.00	ng		0.00
86) Perylene-d12	23.26	264	1030101	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1346313	113.86	ng		0.00
7) Phenol-d6	6.76	99	1893515	114.74	ng		0.00
23) Nitrobenzene-d5	8.70	82	1703282	112.78	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	576450	101.40	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	3185535	100.32	ng		0.00
79) Terphenyl-d14	19.56	244	4005937	95.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	291592	57.540	ng		100
3) Pyridine	3.50	79	901697m	60.035	ng		
4) n-Nitrosodimethylamine	3.43	42	342693	53.751	ng		100
6) Aniline	6.89	93	1225008	59.088	ng		99
8) 2-Chlorophenol	7.13	128	745990	56.797	ng		100
10) Phenol	6.79	94	991113	59.553	ng		99
11) bis(2-Chloroethyl)ether	6.99	93	816806	59.798	ng		99
12) 1,3-Dichlorobenzene	7.45	146	845241	55.769	ng		99
13) 1,4-Dichlorobenzene	7.59	146	849110	54.992	ng		99
14) 1,2-Dichlorobenzene	7.90	146	804472	54.127	ng		99
15) Benzyl Alcohol	7.80	79	691586	55.770	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	1154406	60.659	ng		99
17) 2-Methylphenol	8.02	107	708287	56.859	ng		99
18) Hexachloroethane	8.62	117	308977	55.444	ng		98
19) n-Nitroso-di-n-propylamine	8.36	70	564529	52.136	ng		99
20) 3+4-Methylphenols	8.35	107	928179	55.267	ng		97
22) Acetophenone	8.37	105	1073921	54.525	ng	#	98
24) Nitrobenzene	8.75	77	924612	57.840	ng		99
25) Isophorone	9.27	82	1742609	57.570	ng		100
26) 2-Nitrophenol	9.45	139	435316	59.710	ng		99
27) 2,4-Dimethylphenol	9.53	122	646510	58.523	ng		99
28) bis(2-Chloroethoxy)methane	9.75	93	1036540	59.613	ng		100
29) 2,4-Dichlorophenol	9.99	162	736794	57.871	ng		98
30) 1,2,4-Trichlorobenzene	10.20	180	803954	56.089	ng		98
31) Naphthalene	10.38	128	2303679	55.923	ng		100
32) Benzoic acid	9.73	122	524827	70.886	ng		99
33) 4-Chloroaniline	10.49	127	1036238	57.509	ng		100
34) Hexachlorobutadiene	10.68	225	470088	53.582	ng		99
35) Caprolactam	11.28	113	263120	61.480	ng		98
36) 4-Chloro-3-methylphenol	11.65	107	780403	55.926	ng		100
37) 2-Methylnaphthalene	12.00	142	1644730	54.759	ng		99
38) 1-Methylnaphthalene	12.22	142	1547368	54.701	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	837322	57.374	ng		99
41) Hexachlorocyclopentadiene	12.36	237	368898	60.045	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.63	196	571312	57.856 ng	98
44) 2,4,5-Trichlorophenol	12.71	196	660658	58.118 ng	99
46) 1,1'-Biphenyl	13.03	154	1960614	55.456 ng	100
47) 2-Chloronaphthalene	13.07	162	1595610	55.444 ng	99
48) 2-Nitroaniline	13.28	65	557456	60.718 ng	99
49) Acenaphthylene	13.92	152	2575806	56.870 ng	100
50) Dimethylphthalate	13.68	163	2045622	55.725 ng	99
51) 2,6-Dinitrotoluene	13.79	165	469833	59.261 ng	96
52) Acenaphthene	14.27	154	1502065	56.210 ng	98
53) 3-Nitroaniline	14.12	138	542329	62.824 ng	99
54) 2,4-Dinitrophenol	14.34	184	240434	57.425 ng	98
55) Dibenzofuran	14.61	168	2386956	55.119 ng	98
56) 4-Nitrophenol	14.46	139	394420	65.356 ng	99
57) 2,4-Dinitrotoluene	14.59	165	632971	59.350 ng	99
58) Fluorene	15.26	166	1660242	50.339 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	514036	55.978 ng	99
60) Diethylphthalate	15.06	149	1983576	54.340 ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	873409	49.381 ng	96
62) 4-Nitroaniline	15.30	138	542249	62.847 ng	98
63) Azobenzene	15.56	77	2056691	58.271 ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	365546	63.162 ng	97
66) n-Nitrosodiphenylamine	15.49	169	1654202	56.173 ng	97
67) 4-Bromophenyl-phenylether	16.16	248	645779	56.967 ng	97
68) Hexachlorobenzene	16.28	284	660125	54.356 ng	97
69) Atrazine	16.45	200	448005	47.412 ng	99
70) Pentachlorophenol	16.63	266	319470	52.914 ng	98
71) Phenanthrene	17.01	178	2988656	55.064 ng	99
72) Anthracene	17.10	178	2975730	55.096 ng	100
73) Carbazole	17.37	167	2965668	56.816 ng	99
74) Di-n-butylphthalate	17.95	149	3331663	54.197 ng	99
75) Fluoranthene	19.00	202	3581250	54.511 ng	98
77) Benzidine	19.18	184	1352403	58.676 ng	99
78) Pyrene	19.35	202	3611198	58.755 ng	99
80) Butylbenzylphthalate	20.24	149	1581349	58.935 ng	99
81) Benzo(a)anthracene	21.06	228	3328338	56.381 ng	98
82) 3,3'-Dichlorobenzidine	21.00	252	1176399	54.432 ng	99
83) Chrysene	21.11	228	3085028	54.499 ng	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	2039661	52.937 ng	99
85) Di-n-octyl phthalate	21.87	149	3860318	56.725 ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	4243244	57.210 ng	99
88) Benzo(b)fluoranthene	22.61	252	3731000	56.763 ng	98
89) Benzo(k)fluoranthene	22.66	252	3413152	55.662 ng	99
90) Benzo(a)pyrene	23.17	252	3508148	58.161 ng	99
91) Dibenzo(a,h)anthracene	25.49	278	3339620	55.104 ng	99
92) Benzo(g,h,i)perylene	26.14	276	3604583	59.469 ng	99

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

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