Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
Data File : BP002221.D
Acq On : 18 Mar 2020 18:08
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
3/19/2020 2:44:44 PM

Quant Time: Mar 18 19:30:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 17:54:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	152244	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	601285	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	348776	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	727770	20.00	ng		0.00
76) Chrysene-d12	21.15	240	707639	20.00	ng		0.00
87) Perylene-d12	23.36	264	773414	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1245540	145.57	ng		0.00
7) Phenol-d6	6.84	99	1579545	141.54	ng		0.00
23) Nitrobenzene-d5	8.80	82	1476140	150.07	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	646436	180.97	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	3348210	139.46	ng		0.00
79) Terphenyl-d14	19.63	244	4379339	126.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	247937	70.514	ng		100
3) Pyridine	3.62	79	728371m	72.543	ng		
4) n-Nitrosodimethylamine	3.54	42	191354	49.983	ng		86
6) Aniline	6.99	93	1031472	75.166	ng		99
8) 2-Chlorophenol	7.23	128	756930	80.680	ng		98
9) Benzaldehyde	6.80	77	446196	73.766	ng		97
10) Phenol	6.87	94	822273	72.312	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	707896	77.524	ng		100
12) 1,3-Dichlorobenzene	7.55	146	864728	75.613	ng		99
13) 1,4-Dichlorobenzene	7.69	146	868839	75.611	ng		99
14) 1,2-Dichlorobenzene	8.01	146	834956	76.410	ng		99
15) Benzyl Alcohol	7.90	79	523525	69.264	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	551926	48.396	ng		97
17) 2-Methylphenol	8.10	107	652001	86.134	ng		99
18) Hexachloroethane	8.73	117	315141	78.789	ng		97
19) n-Nitroso-di-n-propylamine	8.48	70	423268	62.386	ng		96
20) 3+4-Methylphenols	8.43	107	884596	87.614	ng		99
22) Acetophenone	8.48	105	997025	67.699	ng	#	99
24) Nitrobenzene	8.85	77	757564	75.577	ng		98
25) Isophorone	9.38	82	1488447	80.954	ng		99
26) 2-Nitrophenol	9.55	139	377176	109.450	ng		98
27) 2,4-Dimethylphenol	9.62	122	648801	88.892	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	897722	71.808	ng		98
29) 2,4-Dichlorophenol	10.08	162	725964	85.295	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	800876	76.706	ng		100
31) Naphthalene	10.48	128	2460348	80.233	ng		99
32) Benzoic acid	9.79	122	412745	116.974	ng		99
33) 4-Chloroaniline	10.59	127	1057254	80.761	ng		99
34) Hexachlorobutadiene	10.79	225	472229	76.106	ng		99
35) Caprolactam	11.37	113	196155	75.918	ng		95
36) 4-Chloro-3-methylphenol	11.73	107	721408	83.102	ng		99
37) 2-Methylnaphthalene	12.10	142	1705976	79.458	ng		99
38) 1-Methylnaphthalene	12.32	142	1610161	79.159	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	802129	72.288	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	432582	90.285 ng	98
43) 2,4,6-Trichlorophenol	12.72	196	558937	89.054 ng	100
44) 2,4,5-Trichlorophenol	12.79	196	647155	97.712 ng	98
46) 1,1'-Biphenyl	13.13	154	2131079	78.411 ng	99
47) 2-Chloronaphthalene	13.16	162	1657386	77.386 ng	98
48) 2-Nitroaniline	13.36	65	307701	63.159 ng	99
49) Acenaphthylene	14.02	152	2726185	84.404 ng	99
50) Dimethylphthalate	13.77	163	2077380	80.685 ng	100
51) 2,6-Dinitrotoluene	13.87	165	442491	89.636 ng	95
52) Acenaphthene	14.36	154	1684000m	81.393 ng	
53) 3-Nitroaniline	14.20	138	509475	87.630 ng	97
54) 2,4-Dinitrophenol	14.40	184	222669	163.517 ng	99
55) Dibenzofuran	14.70	168	2470556	80.744 ng	97
56) 4-Nitrophenol	14.51	139	433419	103.288 ng	97
57) 2,4-Dinitrotoluene	14.66	165	601265	93.558 ng	99
58) Fluorene	15.35	166	1652180	67.260 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.93	232	527937	91.623 ng	98
60) Diethylphthalate	15.15	149	2108604	81.890 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	832832	66.720 ng	96
62) 4-Nitroaniline	15.37	138	449301	73.302 ng	100
63) Azobenzene	15.65	77	1820982	77.209 ng	98
65) 4,6-Dinitro-2-methylphenol	15.43	198	288512	138.641 ng	97
66) n-Nitrosodiphenylamine	15.57	169	1669726	77.040 ng	99
67) 4-Bromophenyl-phenylether	16.25	248	640926	81.350 ng	97
68) Hexachlorobenzene	16.36	284	699330	77.783 ng	94
69) Atrazine	16.53	200	512513	78.766 ng	98
70) Pentachlorophenol	16.70	266	467190	111.964 ng	98
71) Phenanthrene	17.09	178	3081101	78.599 ng	99
72) Anthracene	17.19	178	3075159	81.066 ng	100
73) Carbazole	17.45	167	3031624	83.881 ng	99
74) Di-n-butylphthalate	18.05	149	2762661	65.446 ng	99
75) Fluoranthene	19.07	202	3559285	80.825 ng	98
78) Pyrene	19.42	202	3680888	75.600 ng	99
80) Butylbenzylphthalate	20.32	149	486016	25.424 ng	93
81) Benzo(a)anthracene	21.13	228	3493330	74.182 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	976359	61.474 ng	98
83) Chrysene	21.19	228	3372674	75.979 ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	815084	27.164 ng	97
85) Di-n-octyl phthalate	21.97	149	1515569	32.102 ng	95
86) Indeno(1,2,3-cd)pyrene	25.62	276	4326423	76.817 ng	97
88) Benzo(b)fluoranthene	22.70	252	3830849	81.758 ng	98
89) Benzo(k)fluoranthene	22.75	252	3567056	80.777 ng	98
90) Benzo(a)pyrene	23.27	252	3569783	83.502 ng	98
91) Dibenzo(a,h)anthracene	25.64	278	3524118	80.671 ng	97
92) Benzo(g,h,i)perylene	26.30	276	3680173	85.365 ng	98

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

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