Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071020\
Data File : BP002721.D
Acq On : 10 Jul 2020 14:28
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
7/13/2020 1:05:32 PM

Quant Time: Jul 10 15:22:08 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	182232	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	705414	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	431866	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	932696	20.00	ng		0.00
76) Chrysene-d12	21.07	240	881934	20.00	ng		0.00
86) Perylene-d12	23.26	264	967784	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1076810	100.05	ng		0.00
7) Phenol-d6	6.76	99	1529636	101.82	ng		0.00
23) Nitrobenzene-d5	8.70	82	1364139	99.64	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	472613	89.98	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	2679312	91.31	ng		0.00
79) Terphenyl-d14	19.56	244	3570982	87.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	234015	50.729	ng		100
3) Pyridine	3.50	79	723871m	52.945	ng		
4) n-Nitrosodimethylamine	3.43	42	270974	46.691	ng		99
6) Aniline	6.89	93	980006	51.929	ng		100
8) 2-Chlorophenol	7.13	128	593835	49.668	ng		99
9) Benzaldehyde	6.70	77	363619	46.591	ng		98
10) Phenol	6.78	94	790163	52.158	ng		99
11) bis(2-Chloroethyl)ether	6.99	93	649859	52.265	ng		100
12) 1,3-Dichlorobenzene	7.45	146	675349	48.951	ng		99
13) 1,4-Dichlorobenzene	7.59	146	678706	48.288	ng		99
14) 1,2-Dichlorobenzene	7.90	146	651638	48.165	ng		99
15) Benzyl Alcohol	7.80	79	544529	48.239	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	928766	53.612	ng		99
17) 2-Methylphenol	8.02	107	561962	49.559	ng		99
18) Hexachloroethane	8.62	117	245075	48.312	ng		97
19) n-Nitroso-di-n-propylamine	8.36	70	461831	46.855	ng		99
20) 3+4-Methylphenols	8.34	107	752527	49.224	ng		99
22) Acetophenone	8.37	105	868269	48.630	ng	#	99
24) Nitrobenzene	8.74	77	741677	51.181	ng		99
25) Isophorone	9.27	82	1388698	50.609	ng		99
26) 2-Nitrophenol	9.45	139	340401	51.506	ng		96
27) 2,4-Dimethylphenol	9.53	122	517467	51.672	ng		100
28) bis(2-Chloroethoxy)methane	9.75	93	833886	52.904	ng		100
29) 2,4-Dichlorophenol	9.99	162	582495	50.470	ng		100
30) 1,2,4-Trichlorobenzene	10.19	180	641413	49.364	ng		99
31) Naphthalene	10.38	128	1855351	49.684	ng		99
32) Benzoic acid	9.72	122	397757	59.264	ng		98
33) 4-Chloroaniline	10.49	127	824182	50.457	ng		99
34) Hexachlorobutadiene	10.67	225	369118	46.412	ng		99
35) Caprolactam	11.27	113	208778	53.813	ng		97
36) 4-Chloro-3-methylphenol	11.65	107	625015	49.409	ng		99
37) 2-Methylnaphthalene	12.00	142	1316691	48.358	ng		99
38) 1-Methylnaphthalene	12.22	142	1244010	48.512	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	669477	49.646	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	276614	48.727 ng	99
43) 2,4,6-Trichlorophenol	12.63	196	458246	50.222 ng	99
44) 2,4,5-Trichlorophenol	12.71	196	530082	50.467 ng	100
46) 1,1'-Biphenyl	13.03	154	1600727	49.000 ng	100
47) 2-Chloronaphthalene	13.07	162	1304340	49.050 ng	99
48) 2-Nitroaniline	13.28	65	447284	52.724 ng	97
49) Acenaphthylene	13.92	152	2090075	49.941 ng	100
50) Dimethylphthalate	13.67	163	1653283	48.741 ng	98
51) 2,6-Dinitrotoluene	13.79	165	377611	51.546 ng	98
52) Acenaphthene	14.27	154	1228410	49.750 ng	99
53) 3-Nitroaniline	14.12	138	432236	54.188 ng	99
54) 2,4-Dinitrophenol	14.34	184	176857	45.714 ng	97
55) Dibenzofuran	14.61	168	1962246	49.038 ng	98
56) 4-Nitrophenol	14.46	139	312980	56.126 ng	98
57) 2,4-Dinitrotoluene	14.59	165	511443	51.899 ng	100
58) Fluorene	15.26	166	1413924	46.396 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.85	232	417088	49.156 ng	97
60) Diethylphthalate	15.05	149	1616993	47.941 ng	100
61) 4-Chlorophenyl-phenylether	15.26	204	753329	46.094 ng	98
62) 4-Nitroaniline	15.29	138	441876	55.426 ng	98
63) Azobenzene	15.56	77	1685325	51.676 ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	288113	53.843 ng	94
66) n-Nitrosodiphenylamine	15.48	169	1382905	50.791 ng	99
67) 4-Bromophenyl-phenylether	16.16	248	517820	49.405 ng	100
68) Hexachlorobenzene	16.28	284	542534	48.317 ng	98
69) Atrazine	16.45	200	388895	44.513 ng	99
70) Pentachlorophenol	16.63	266	246628	44.181 ng	98
71) Phenanthrene	17.00	178	2521201	50.240 ng	99
72) Anthracene	17.10	178	2501466	50.092 ng	99
73) Carbazole	17.37	167	2485035	51.491 ng	98
74) Di-n-butylphthalate	17.95	149	2782624	48.958 ng	100
75) Fluoranthene	18.99	202	3019719	49.713 ng	99
77) Benzidine	19.18	184	1112880	49.435 ng	100
78) Pyrene	19.35	202	3077325	51.263 ng	98
80) Butylbenzylphthalate	20.24	149	1316864	50.248 ng	99
81) Benzo(a)anthracene	21.06	228	2930663	50.828 ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	1015304	48.098 ng	99
83) Chrysene	21.11	228	2709320	49.003 ng	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	1753556	46.596 ng	99
85) Di-n-octyl phthalate	21.87	149	3259347	49.036 ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	3584551	51.441 ng	99
88) Benzo(b)fluoranthene	22.61	252	3117472	50.482 ng	98
89) Benzo(k)fluoranthene	22.66	252	2934249	50.933 ng	99
90) Benzo(a)pyrene	23.17	252	2931197	51.725 ng	99
91) Dibenzo(a,h)anthracene	25.48	278	2889389	50.745 ng	99
92) Benzo(g,h,i)perylene	26.14	276	2958065	51.945 ng	99

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

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