Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052720\
Data File : BP002294.D
Acq On : 27 May 2020 17:37
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
5/29/2020 10:26:03 PM

Quant Time: May 27 18:10:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 17:37:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	308952	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	1246652	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	773037	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	1709503	20.00	ng		0.00
76) Chrysene-d12	21.10	240	1677377	20.00	ng		0.00
86) Perylene-d12	23.29	264	1936687	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1497102	96.46	ng		0.00
7) Phenol-d6	6.79	99	2007296	92.37	ng		0.00
23) Nitrobenzene-d5	8.75	82	1881365	94.07	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	912063	94.31	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	4155557	89.93	ng		0.00
79) Terphenyl-d14	19.59	244	6099453	102.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	331205	48.18	ng		98
3) Pyridine	3.56	79	978006m	48.47	ng		
4) n-Nitrosodimethylamine	3.48	42	364116	46.02	ng		100
6) Aniline	6.94	93	1381483	45.20	ng		99
8) 2-Chlorophenol	7.18	128	868896	47.02	ng		97
9) Benzaldehyde	6.75	77	508875	42.70	ng		99
10) Phenol	6.82	94	1097706	46.07	ng		99
11) bis(2-Chloroethyl)ether	7.04	93	907508	44.85	ng		98
12) 1,3-Dichlorobenzene	7.50	146	1004875	47.27	ng		98
13) 1,4-Dichlorobenzene	7.64	146	1006866	47.14	ng		98
14) 1,2-Dichlorobenzene	7.96	146	963564	47.21	ng		99
15) Benzyl Alcohol	7.85	79	767404	44.98	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1197449	43.86	ng		99
17) 2-Methylphenol	8.05	107	795337	45.70	ng		98
18) Hexachloroethane	8.68	117	351560	46.07	ng	#	88
19) n-Nitroso-di-n-propylamine	8.42	70	650703	44.25	ng		98
20) 3+4-Methylphenols	8.38	107	1092587	45.93	ng		96
22) Acetophenone	8.42	105	1298605	47.77	ng	#	97
24) Nitrobenzene	8.79	77	1014782	46.62	ng		97
25) Isophorone	9.32	82	1933158	46.10	ng		97
26) 2-Nitrophenol	9.50	139	470893	46.75	ng		94
27) 2,4-Dimethylphenol	9.58	122	744230	47.16	ng		97
28) bis(2-Chloroethoxy)methane	9.80	93	1169400	46.32	ng		100
29) 2,4-Dichlorophenol	10.03	162	863480	48.03	ng		96
30) 1,2,4-Trichlorobenzene	10.25	180	976369	48.29	ng		99
31) Naphthalene	10.43	128	2733209	48.07	ng		99
32) Benzoic acid	9.72	122	585573	48.41	ng		99
33) 4-Chloroaniline	10.53	127	1216938	47.81	ng		99
34) Hexachlorobutadiene	10.73	225	610410	49.54	ng		98
35) Caprolactam	11.30	113	287593	46.36	ng		96
36) 4-Chloro-3-methylphenol	11.67	107	878526	47.17	ng		96
37) 2-Methylnaphthalene	12.05	142	1944890	47.67	ng		98
38) 1-Methylnaphthalene	12.27	142	1849338	47.81	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	1051570	49.69	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	595231	51.23	ng	98
43) 2,4,6-Trichlorophenol	12.67	196	719791	48.64	ng	99
44) 2,4,5-Trichlorophenol	12.74	196	832055	48.65	ng	93
46) 1,1'-Biphenyl	13.07	154	2355197	48.29	ng	99
47) 2-Chloronaphthalene	13.11	162	1967378	48.58	ng	99
48) 2-Nitroaniline	13.32	65	575838	46.14	ng	89
49) Acenaphthylene	13.96	152	3087702	48.38	ng	99
50) Dimethylphthalate	13.72	163	2482149	48.40	ng	99
51) 2,6-Dinitrotoluene	13.82	165	545983	47.13	ng	93
52) Acenaphthene	14.31	154	2000191m	48.92	ng	
53) 3-Nitroaniline	14.15	138	608468	47.68	ng	91
54) 2,4-Dinitrophenol	14.35	184	296788	50.65	ng	95
55) Dibenzofuran	14.65	168	2978360	49.17	ng	99
56) 4-Nitrophenol	14.46	139	487943	48.88	ng	95
57) 2,4-Dinitrotoluene	14.62	165	745318	48.00	ng	88
58) Fluorene	15.30	166	2116166	45.35	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.88	232	704227	50.15	ng	97
60) Diethylphthalate	15.10	149	2411454	48.19	ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	1174743	45.63	ng	97
62) 4-Nitroaniline	15.32	138	562458	48.18	ng	96
63) Azobenzene	15.60	77	2309301	47.48	ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	421407	49.11	ng	91
66) n-Nitrosodiphenylamine	15.52	169	2051043	48.01	ng	99
67) 4-Bromophenyl-phenylether	16.20	248	867666	49.44	ng	93
68) Hexachlorobenzene	16.32	284	960822	47.95	ng	93
69) Atrazine	16.48	200	707438	48.30	ng	98
70) Pentachlorophenol	16.65	266	587124	49.91	ng	98
71) Phenanthrene	17.05	178	3753419	48.93	ng	99
72) Anthracene	17.13	178	3723350	49.00	ng	100
73) Carbazole	17.40	167	3586109	48.85	ng	99
74) Di-n-butylphthalate	17.99	149	4029755	48.54	ng	99
75) Fluoranthene	19.02	202	4479718	49.37	ng	98
77) Benzidine	19.20	184	1584207	43.04	ng	100
78) Pyrene	19.37	202	4647149	46.16	ng	98
80) Butylbenzylphthalate	20.27	149	1786693	45.87	ng	99
81) Benzo(a)anthracene	21.08	228	4423202	47.74	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	1694421	50.46	ng	100
83) Chrysene	21.13	228	4284310	48.80	ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	2691734	46.87	ng	100
85) Di-n-octyl phthalate	21.90	149	4566878	46.99	ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	5762273	53.91	ng	100
88) Benzo(b)fluoranthene	22.63	252	4865705	47.04	ng	99
89) Benzo(k)fluoranthene	22.68	252	4652736	45.50	ng	99
90) Benzo(a)pyrene	23.19	252	4529992	47.06	ng	100
91) Dibenzo(a,h)anthracene	25.52	278	4737057	54.64	ng	99
92) Benzo(g,h,i)perylene	26.17	276	4756063	54.93	ng	98

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

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