Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
Data File : BP002928.D
Acq On : 07 Aug 2020 11:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/10/2020 3:44:51 PM

Quant Time: Aug 07 14:00:17 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 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	421993	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1509801	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	907820	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1926225	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	2013613	20.00	ng	0.00
86) Perylene-d12	23.45	264	2159139	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2330306	84.52	ng	0.00
7) Phenol-d6	6.89	99	3092259	80.78	ng	0.00
23) Nitrobenzene-d5	8.86	82	2342780	84.04	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1148373	101.78	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5779566	86.98	ng	-0.01
79) Terphenyl-d14	19.67	244	8536997	84.88	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	467517	39.501	ng	96
3) Pyridine	3.65	79	1267201	38.429	ng	97
4) n-Nitrosodimethylamine	3.56	42	344185	35.533	ng	89
6) Aniline	7.04	93	1744795	39.286	ng	95
8) 2-Chlorophenol	7.28	128	1254538	42.674	ng	95
9) Benzaldehyde	6.85	77	738905	36.253	ng	91
10) Phenol	6.91	94	1532395	39.747	ng	96
11) bis(2-Chloroethyl)ether	7.14	93	1155913	38.981	ng	95
12) 1,3-Dichlorobenzene	7.60	146	1409719	42.486	ng	96
13) 1,4-Dichlorobenzene	7.75	146	1422226	42.405	ng	98
14) 1,2-Dichlorobenzene	8.06	146	1343891	42.017	ng	98
15) Benzyl Alcohol	7.95	79	960901	38.044	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.25	45	960667	34.483	ng	98
17) 2-Methylphenol	8.15	107	997875	40.505	ng	96
18) Hexachloroethane	8.79	117	487200	41.647	ng	96
19) n-Nitroso-di-n-propylamine	8.52	70	786895	35.676	ng	95
20) 3+4-Methylphenols	8.48	107	1355210	40.816	ng	98
22) Acetophenone	8.52	105	1737878	40.797	ng	97
24) Nitrobenzene	8.90	77	1211805	40.042	ng	91
25) Isophorone	9.43	82	2355106	39.326	ng	96
26) 2-Nitrophenol	9.60	139	612251	48.424	ng	90
27) 2,4-Dimethylphenol	9.68	122	1033869	43.352	ng	97
28) bis(2-Chloroethoxy)methane	9.91	93	1351737	40.458	ng	99
29) 2,4-Dichlorophenol	10.14	162	1180503	47.032	ng	98
30) 1,2,4-Trichlorobenzene	10.36	180	1328443	45.276	ng	99
31) Naphthalene	10.54	128	3675124	42.523	ng	100
32) Benzoic acid	9.82	122	698714	49.525	ng	94
33) 4-Chloroaniline	10.65	127	1544847	43.131	ng	96
34) Hexachlorobutadiene	10.85	225	835466	46.530	ng	100
35) Caprolactam	11.41	113	373166	48.050	ng	87
36) 4-Chloro-3-methylphenol	11.78	107	1132484	43.405	ng	96
37) 2-Methylnaphthalene	12.16	142	2659657	43.262	ng	99
38) 1-Methylnaphthalene	12.38	142	2500637	43.210	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1461084	44.764	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	756343	44.669	ng		99
43) 2,4,6-Trichlorophenol	12.77	196	942495	49.822	ng		99
44) 2,4,5-Trichlorophenol	12.85	196	1015493	48.934	ng		96
46) 1,1'-Biphenyl	13.18	154	3209539	42.766	ng		98
47) 2-Chloronaphthalene	13.22	162	2555410	43.483	ng		98
48) 2-Nitroaniline	13.42	65	576652	40.056	ng		84
49) Acenaphthylene	14.07	152	3974508	43.124	ng		100
50) Dimethylphthalate	13.81	163	3091489	43.540	ng		100
51) 2,6-Dinitrotoluene	13.92	165	714152	44.823	ng	#	86
52) Acenaphthene	14.41	154	2601612m	43.919	ng		
53) 3-Nitroaniline	14.25	138	739819	44.292	ng		92
54) 2,4-Dinitrophenol	14.45	184	308431	49.192	ng	#	85
55) Dibenzofuran	14.75	168	3902001	42.944	ng		98
56) 4-Nitrophenol	14.56	139	615957	48.922	ng		89
57) 2,4-Dinitrotoluene	14.71	165	959939	45.706	ng		88
58) Fluorene	15.40	166	3043010	42.775	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	886974	51.225	ng		96
60) Diethylphthalate	15.19	149	2969427	42.799	ng		99
61) 4-Chlorophenyl-phenylether	15.40	204	1600678	43.718	ng		97
62) 4-Nitroaniline	15.41	138	744629	45.335	ng		94
63) Azobenzene	15.69	77	2576569	36.888	ng		96
65) 4,6-Dinitro-2-methylphenol	15.47	198	490189	48.720	ng		91
66) n-Nitrosodiphenylamine	15.62	169	2724509	42.708	ng		100
67) 4-Bromophenyl-phenylether	16.30	248	1036962	44.250	ng		94
68) Hexachlorobenzene	16.42	284	1194261	44.060	ng		95
69) Atrazine	16.57	200	899785	41.631	ng		98
70) Pentachlorophenol	16.75	266	712416	50.685	ng		99
71) Phenanthrene	17.15	178	4848926	42.929	ng		100
72) Anthracene	17.23	178	4860202	44.025	ng		100
73) Carbazole	17.50	167	4668519	43.302	ng		99
74) Di-n-butylphthalate	18.08	149	5002578	44.110	ng		99
75) Fluoranthene	19.12	202	5858439	45.017	ng		99
77) Benzidine	19.29	184	2512225	40.914	ng		99
78) Pyrene	19.47	202	6011934	42.709	ng		100
80) Butylbenzylphthalate	20.36	149	2338204	41.344	ng		90
81) Benzo(a)anthracene	21.17	228	5973677	43.553	ng		100
82) 3,3'-Dichlorobenzidine	21.11	252	2624026	48.335	ng		100
83) Chrysene	21.23	228	5600931	43.290	ng		100
84) Bis(2-ethylhexyl)phthalate	21.13	149	3394816	43.576	ng		100
85) Di-n-octyl phthalate	22.01	149	5851232	45.720	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.77	276	7663714	44.320	ng		99
88) Benzo(b)fluoranthene	22.77	252	6721709	44.115	ng		99
89) Benzo(k)fluoranthene	22.82	252	5957613	41.369	ng		99
90) Benzo(a)pyrene	23.36	252	6011946	43.668	ng		99
91) Dibenzo(a,h)anthracene	25.78	278	6497972	44.153	ng		99
92) Benzo(g,h,i)perylene	26.46	276	6349925	44.619	ng		99

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

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