Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
Data File : BP002931.D
Acq On : 07 Aug 2020 13:40
Operator : CG/JU
Sample : PB130730BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB130730BS

Manual Integrations APPROVED
mohammad
8/10/2020 3:44:57 PM

Quant Time: Aug 07 17:00:36 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	496988	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	1977074	20.00	ng		0.00
39) Acenaphthene-d10	14.35	164	1193315	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	2313475	20.00	ng		0.00
76) Chrysene-d12	21.19	240	1857706	20.00	ng		0.00
86) Perylene-d12	23.45	264	1617866	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	3220825	99.19	ng		0.00
7) Phenol-d6	6.89	99	4075102	90.39	ng		0.00
23) Nitrobenzene-d5	8.86	82	2328726	63.80	ng		0.00
42) 2,4,6-Tribromophenol	15.84	330	1565655	105.56	ng		0.00
45) 2-Fluorobiphenyl	12.97	172	5865030	67.15	ng		-0.01
79) Terphenyl-d14	19.67	244	6922286	74.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	610399	43.791	ng		96
3) Pyridine	3.65	79	939900	24.202	ng		96
4) n-Nitrosodimethylamine	3.56	42	332279	29.127	ng		92
6) Aniline	7.04	93	1814589	34.692	ng		95
8) 2-Chlorophenol	7.28	128	1350624	39.010	ng		95
9) Benzaldehyde	6.85	77	810085	33.748	ng		90
10) Phenol	6.92	94	1670860	36.799	ng		95
11) bis(2-Chloroethyl)ether	7.14	93	1224697	35.068	ng		95
12) 1,3-Dichlorobenzene	7.60	146	1400068	35.828	ng		97
13) 1,4-Dichlorobenzene	7.75	146	1425496	36.089	ng		99
14) 1,2-Dichlorobenzene	8.06	146	1382404	36.699	ng		98
15) Benzyl Alcohol	7.95	79	1032114	34.697	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1031556	31.440	ng		98
17) 2-Methylphenol	8.15	107	1126222	38.816	ng		97
18) Hexachloroethane	8.79	117	490678	35.615	ng		96
19) n-Nitroso-di-n-propylamine	8.52	70	833322	32.079	ng	#	94
20) 3+4-Methylphenols	8.48	107	1521165	38.901	ng		98
22) Acetophenone	8.52	105	1900236	34.065	ng		98
24) Nitrobenzene	8.90	77	1267668	31.988	ng		91
25) Isophorone	9.43	82	2480188	31.627	ng		97
26) 2-Nitrophenol	9.60	139	666199	41.002	ng		90
27) 2,4-Dimethylphenol	9.68	122	1253131	40.127	ng		96
28) bis(2-Chloroethoxy)methane	9.91	93	1634011	37.348	ng		99
29) 2,4-Dichlorophenol	10.14	162	1309137	39.830	ng		98
30) 1,2,4-Trichlorobenzene	10.36	180	1392606	36.245	ng		98
31) Naphthalene	10.54	128	3921677	34.651	ng		99
32) Benzoic acid	9.82	122	740507	41.548	ng		94
33) 4-Chloroaniline	10.65	127	1260635	26.877	ng		97
34) Hexachlorobutadiene	10.85	225	842022	35.812	ng		99
35) Caprolactam	11.41	113	396525	38.990	ng		91
36) 4-Chloro-3-methylphenol	11.78	107	1267763	37.106	ng		98
37) 2-Methylnaphthalene	12.16	142	2902923	36.059	ng		99
38) 1-Methylnaphthalene	12.38	142	2731794	36.047	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1582006	36.873	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
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	2103236	94.497	ng		98
43) 2,4,6-Trichlorophenol	12.77	196	1029215	41.390	ng		100
44) 2,4,5-Trichlorophenol	12.85	196	1118788	41.013	ng		94
46) 1,1'-Biphenyl	13.18	154	3606472	36.558	ng		99
47) 2-Chloronaphthalene	13.22	162	2767951	35.832	ng		98
48) 2-Nitroaniline	13.42	65	626155	33.779	ng		83
49) Acenaphthylene	14.07	152	4382857	36.177	ng		99
50) Dimethylphthalate	13.82	163	3390975	36.332	ng		100
51) 2,6-Dinitrotoluene	13.92	165	748801	36.341	ng	#	84
52) Acenaphthene	14.42	154	2979620m	38.266	ng		
53) 3-Nitroaniline	14.25	138	564585	27.087	ng		92
54) 2,4-Dinitrophenol	14.45	184	687232	77.784	ng	#	83
55) Dibenzofuran	14.75	168	4139667	34.660	ng		98
56) 4-Nitrophenol	14.56	139	1249749	75.513	ng		88
57) 2,4-Dinitrotoluene	14.71	165	977490	36.264	ng		90
58) Fluorene	15.40	166	3201885	34.240	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	975910	42.877	ng		96
60) Diethylphthalate	15.19	149	3226695	35.380	ng		99
61) 4-Chlorophenyl-phenylether	15.40	204	1767339	36.722	ng		98
62) 4-Nitroaniline	15.42	138	723645	34.147	ng		93
63) Azobenzene	15.70	77	2734585	29.784	ng		93
65) 4,6-Dinitro-2-methylphenol	15.48	198	466737	40.054	ng		87
66) n-Nitrosodiphenylamine	15.62	169	2892165	37.747	ng		99
67) 4-Bromophenyl-phenylether	16.30	248	1118852	39.752	ng		95
68) Hexachlorobenzene	16.42	284	1266056	38.890	ng		95
69) Atrazine	16.57	200	890395	34.301	ng		98
70) Pentachlorophenol	16.76	266	1512815	89.613	ng		99
71) Phenanthrene	17.15	178	4920451	36.270	ng		99
72) Anthracene	17.23	178	5009814	37.784	ng		100
73) Carbazole	17.50	167	4394397	33.937	ng		99
74) Di-n-butylphthalate	18.08	149	5091024	37.376	ng		99
75) Fluoranthene	19.12	202	5516683	35.295	ng		99
77) Benzidine	19.29	184	3134642	55.335	ng		99
78) Pyrene	19.47	202	5517078	42.483	ng		100
80) Butylbenzylphthalate	20.36	149	1987280	38.329	ng		89
81) Benzo(a)anthracene	21.17	228	4776816	37.750	ng		99
82) 3,3'-Dichlorobenzidine	21.11	252	1529221	30.533	ng		100
83) Chrysene	21.23	228	4422945	37.054	ng		99
84) Bis(2-ethylhexyl)phthalate	21.13	149	2775118	38.611	ng		100
85) Di-n-octyl phthalate	22.01	149	4225565	35.788	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.76	276	5132138	39.609	ng		98
88) Benzo(b)fluoranthene	22.77	252	4254093	37.261	ng		99
89) Benzo(k)fluoranthene	22.82	252	4200620	38.927	ng		99
90) Benzo(a)pyrene	23.35	252	3821144	37.040	ng		99
91) Dibenzo(a,h)anthracene	25.77	278	4298720	38.981	ng		98
92) Benzo(g,h,i)perylene	26.46	276	4365454	40.937	ng		98

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

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