Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002249.D
Acq On : 05 May 2020 22:09
Operator : CG/JU
Sample : L2475-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMS

Manual Integrations APPROVED
mohammad
5/6/2020 6:44:46 PM

Quant Time: May 06 02:10:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 13:34:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	402258	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1701234	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	1031697	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	2121962	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1279035	20.00	ng	0.00
87) Perylene-d12	23.32	264	1355886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	2921832	119.83	ng	0.00
7) Phenol-d6	6.80	99	4015698	112.11	ng	0.01
23) Nitrobenzene-d5	8.76	82	2605109	79.08	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1141433	104.53	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	4826716	65.52	ng	0.00
79) Terphenyl-d14	19.60	244	5429516	104.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	323959	30.689	ng	99
3) Pyridine	3.56	79	599171	17.808	ng	99
4) n-Nitrosodimethylamine	3.48	42	459785	37.123	ng	99
6) Aniline	6.96	93	1557793m	31.811	ng	
8) 2-Chlorophenol	7.19	128	1208905	43.862	ng	98
9) Benzaldehyde	6.76	77	855601	48.420	ng	99
10) Phenol	6.83	94	1589350	42.095	ng	100
11) bis(2-Chloroethyl)ether	7.05	93	1306808	41.135	ng	96
12) 1,3-Dichlorobenzene	7.51	146	1224547	39.821	ng	99
13) 1,4-Dichlorobenzene	7.65	146	1237921	39.789	ng	99
14) 1,2-Dichlorobenzene	7.97	146	1191766	39.168	ng	98
15) Benzyl Alcohol	7.86	79	1081003	39.754	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.16	45	1624704	36.884	ng	99
17) 2-Methylphenol	8.06	107	1048686	37.815	ng	100
18) Hexachloroethane	8.69	117	429724	38.434	ng	95
19) n-Nitroso-di-n-propylamine	8.43	70	873002	34.973	ng	99
20) 3+4-Methylphenols	8.39	107	1421693	37.121	ng	99
22) Acetophenone	8.43	105	1700438	38.699	ng	99
24) Nitrobenzene	8.80	77	1387682	39.542	ng	98
25) Isophorone	9.33	82	2622547	36.137	ng	100
26) 2-Nitrophenol	9.51	139	617672	47.286	ng	97
27) 2,4-Dimethylphenol	9.59	122	1143094	44.870	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	1623752	38.615	ng	99
29) 2,4-Dichlorophenol	10.05	162	1166527	43.136	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	1222247	40.955	ng	98
31) Naphthalene	10.44	128	3661417	39.713	ng	99
32) Benzoic acid	9.74	122	675698	40.186	ng	100
33) 4-Chloroaniline	10.56	127	1150763	27.121	ng	99
34) Hexachlorobutadiene	10.75	225	668772	39.225	ng	99
35) Caprolactam	11.32	113	404481m	38.924	ng	
36) 4-Chloro-3-methylphenol	11.69	107	1252336	39.639	ng	98
37) 2-Methylnaphthalene	12.06	142	2611974	39.530	ng	99
38) 1-Methylnaphthalene	12.28	142	2490807	39.586	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	1235458	40.316	ng	98

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Quant Time: May 06 02:10:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 13:34:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	354744	25.067	ng		98
43) 2,4,6-Trichlorophenol	12.68	196	888755	42.797	ng		96
44) 2,4,5-Trichlorophenol	12.75	196	971417	39.658	ng		97
46) 1,1'-Biphenyl	13.09	154	3103763	38.389	ng		98
47) 2-Chloronaphthalene	13.13	162	2383157	38.052	ng		98
48) 2-Nitroaniline	13.33	65	784700	41.775	ng		95
49) Acenaphthylene	13.98	152	4033134	39.736	ng		98
50) Dimethylphthalate	13.73	163	3232792	39.754	ng		99
51) 2,6-Dinitrotoluene	13.83	165	650509	38.859	ng		99
52) Acenaphthene	14.33	154	2442174m	38.132	ng		
53) 3-Nitroaniline	14.16	138	497448	24.879	ng		98
54) 2,4-Dinitrophenol	14.37	184	281201	41.095	ng		99
55) Dibenzofuran	14.66	168	3631821	37.547	ng		98
56) 4-Nitrophenol	14.49	139	1258527	79.365	ng		96
57) 2,4-Dinitrotoluene	14.63	165	873660	39.400	ng		99
58) Fluorene	15.32	166	2491627	32.416	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.89	232	789415	40.795	ng		98
60) Diethylphthalate	15.11	149	2854880	34.705	ng		99
61) 4-Chlorophenyl-phenylether	15.32	204	1183377	31.395	ng		99
62) 4-Nitroaniline	15.33	138	606319	31.927	ng		98
63) Azobenzene	15.61	77	3113743	36.147	ng		98
65) 4,6-Dinitro-2-methylphenol	15.40	198	210085	23.976	ng		98
66) n-Nitrosodiphenylamine	15.53	169	2468047	39.766	ng		100
67) 4-Bromophenyl-phenylether	16.22	248	865383	38.221	ng		99
68) Hexachlorobenzene	16.33	284	937637	39.115	ng		99
69) Atrazine	16.50	200	779268	41.336	ng		99
70) Pentachlorophenol	16.67	266	1171342	81.396	ng		98
71) Phenanthrene	17.06	178	5294173	44.365	ng		99
72) Anthracene	17.15	178	4608951	39.200	ng		99
73) Carbazole	17.42	167	4298784	37.840	ng		97
74) Di-n-butylphthalate	18.00	149	4953035	38.646	ng		98
75) Fluoranthene	19.04	202	6728199	49.146	ng		98
77) Benzidine	19.22	184	1872123	52.309	ng		99
78) Pyrene	19.39	202	6264697	72.104	ng		95
80) Butylbenzylphthalate	20.29	149	1900295	67.459	ng		99
81) Benzo(a)anthracene	21.10	228	4266230	51.420	ng		97
82) 3,3'-Dichlorobenzidine	21.04	252	1336004	43.340	ng		100
83) Chrysene	21.15	228	4027826	49.432	ng		98
84) Bis(2-ethylhexyl)phthalate	21.06	149	2899596	59.364	ng	#	98
85) Di-n-octyl phthalate	21.93	149	4520265	50.105	ng		96
86) Indeno(1,2,3-cd)pyrene	25.56	276	4209246	37.966	ng		97
88) Benzo(b)fluoranthene	22.66	252	4273821	52.419	ng		99
89) Benzo(k)fluoranthene	22.71	252	3496550	41.867	ng		97
90) Benzo(a)pyrene	23.23	252	3732323	47.549	ng		97
91) Dibenzo(a,h)anthracene	25.57	278	3085872	38.708	ng		99
92) Benzo(g,h,i)perylene	26.24	276	3845076	45.639	ng		97

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

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