Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001044.D
Acq On : 15 Nov 2019 16:46
Operator : JU
Sample : K5670-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Manual Integrations APPROVED
mohammad
11/18/2019 3:06:25 PM

Quant Time: Nov 16 03:50:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	194054	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	700027	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	424379	20.00	ng		-0.01
64) Phenanthrene-d10	15.65	188	860059	20.00	ng		0.00
76) Chrysene-d12	19.29	240	701396	20.00	ng		0.00
87) Perylene-d12	21.07	264	742413	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	1469200	137.81	ng		0.02
7) Phenol-d6	7.83	99	1891175	140.28	ng		0.01
23) Nitrobenzene-d5	9.25	82	1168715	92.35	ng		-0.01
42) 2,4,6-Tribromophenol	14.56	330	845320	166.86	ng		0.00
45) 2-Fluorobiphenyl	12.17	172	2583639	91.69	ng		-0.01
79) Terphenyl-d14	17.93	244	3555529	100.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	158920	34.284	ng	#	86
3) Pyridine	3.80	79	375290	30.622	ng		96
4) n-Nitrosodimethylamine	3.70	42	200613	46.967	ng		85
6) Aniline	7.92	93	46399	2.635	ng		98
8) 2-Chlorophenol	8.04	128	547989	48.471	ng		98
9) Benzaldehyde	7.67	77	195545	20.788	ng		99
10) Phenol	7.85	94	750761	50.912	ng		92
11) bis(2-Chloroethyl)ether	7.98	93	502623	43.784	ng		98
12) 1,3-Dichlorobenzene	8.27	146	539432	38.032	ng		97
13) 1,4-Dichlorobenzene	8.40	146	554200	38.791	ng		99
14) 1,2-Dichlorobenzene	8.63	146	526558	39.854	ng		98
15) Benzyl Alcohol	8.60	79	520131	50.628	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.83	45	436970	36.448	ng		98
17) 2-Methylphenol	8.79	107	462627	48.197	ng		97
18) Hexachloroethane	9.17	117	202311	38.552	ng		97
19) n-Nitroso-di-n-propylamine	9.03	70	369986	45.704	ng		98
20) 3+4-Methylphenols	9.03	107	591641	49.684	ng		98
22) Acetophenone	9.01	105	815164	45.089	ng	#	97
24) Nitrobenzene	9.27	77	588120	46.315	ng		96
25) Isophorone	9.67	82	1070097	45.941	ng		98
26) 2-Nitrophenol	9.79	139	283197	59.681	ng		95
27) 2,4-Dimethylphenol	9.87	122	488151	54.935	ng		95
28) bis(2-Chloroethoxy)methane	10.03	93	636153	41.771	ng		99
29) 2,4-Dichlorophenol	10.17	162	524302	48.884	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	562841	42.717	ng		98
31) Naphthalene	10.43	128	1558274	44.554	ng		100
32) Benzoic acid	10.07	122	319883	57.750	ng		99
33) 4-Chloroaniline	10.53	127	97749	6.518	ng		97
34) Hexachlorobutadiene	10.65	225	373459	42.901	ng		99
35) Caprolactam	11.10	113	155774m	46.016	ng		
36) 4-Chloro-3-methylphenol	11.34	107	578253	51.921	ng		95
37) 2-Methylnaphthalene	11.56	142	1138562	46.510	ng		98
38) 1-Methylnaphthalene	11.72	142	1090269	47.135	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	621871	44.008	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	722923	102.122	ng		99
43) 2,4,6-Trichlorophenol	12.03	196	424806	49.860	ng		98
44) 2,4,5-Trichlorophenol	12.09	196	460289	50.530	ng		100
46) 1,1'-Biphenyl	12.33	154	1455071	45.855	ng		98
47) 2-Chloronaphthalene	12.35	162	1130428	44.253	ng		98
48) 2-Nitroaniline	12.52	65	309899	46.348	ng		97
49) Acenaphthylene	13.03	152	1830386	47.133	ng		99
50) Dimethylphthalate	12.86	163	1720890	54.840	ng		100
51) 2,6-Dinitrotoluene	12.93	165	323017	49.348	ng		91
52) Acenaphthene	13.32	154	1072767	46.186	ng		99
53) 3-Nitroaniline	13.19	138	110270	15.445	ng		99
54) 2,4-Dinitrophenol	13.37	184	275201	130.514	ng	#	85
55) Dibenzofuran	13.60	168	1701564	46.902	ng		95
56) 4-Nitrophenol	13.49	139	523852	105.512	ng		89
57) 2,4-Dinitrotoluene	13.59	165	431320	52.460	ng	#	94
58) Fluorene	14.16	166	1359468	47.084	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.80	232	415394	53.632	ng		94
60) Diethylphthalate	14.02	149	1504110	47.718	ng		98
61) 4-Chlorophenyl-phenylether	14.18	204	721398	47.254	ng		98
62) 4-Nitroaniline	12.52	138	357440	46.694	ng		95
63) Azobenzene	14.44	77	1239598	44.934	ng		97
65) 4,6-Dinitro-2-methylphenol	14.26	198	196429	67.571	ng		99
66) n-Nitrosodiphenylamine	14.37	169	1198466	48.465	ng		99
67) 4-Bromophenyl-phenylether	14.97	248	481913	47.598	ng		97
68) Hexachlorobenzene	15.06	284	555931	47.382	ng		97
69) Atrazine	15.26	200	436597	48.490	ng		98
70) Pentachlorophenol	15.37	266	643410	123.193	ng		99
71) Phenanthrene	15.69	178	2075550	47.151	ng		99
72) Anthracene	15.77	178	2112345	49.192	ng		99
73) Carbazole	16.02	167	1865683	47.389	ng		100
74) Di-n-butylphthalate	16.56	149	2272841	47.835	ng		99
75) Fluoranthene	17.40	202	2360359	47.440	ng		98
77) Benzidine	17.58	184	488578	18.915	ng		98
78) Pyrene	17.70	202	2311039	46.623	ng		100
80) Butylbenzylphthalate	18.58	149	990425	50.462	ng		99
81) Benzo(a)anthracene	19.28	228	2208282	46.747	ng		100
82) 3,3'-Dichlorobenzidine	19.24	252	285771	16.592	ng		98
83) Chrysene	19.33	228	1950424	47.029	ng		100
84) Bis(2-ethylhexyl)phthalate	19.33	149	1289593	51.677	ng		100
85) Di-n-octyl phthalate	20.11	149	2289267	50.957	ng		99
86) Indeno(1,2,3-cd)pyrene	22.74	276	2409318	42.458	ng		95
88) Benzo(b)fluoranthene	20.59	252	2081844	47.043	ng	#	97
89) Benzo(k)fluoranthene	20.62	252	2040490	48.982	ng	#	97
90) Benzo(a)pyrene	21.00	252	1880620	46.215	ng		98
91) Dibenzo(a,h)anthracene	22.77	278	2003761	48.246	ng		97
92) Benzo(g,h,i)perylene	23.25	276	2010768	48.081	ng	#	95

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

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