Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001424.D
Acq On : 26 Dec 2019 16:26
Operator : JU
Sample : K6396-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MS

Manual Integrations APPROVED
mohammad
12/27/2019 3:18:09 PM

Quant Time: Dec 27 07:52:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	38269	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	140435	20.00	ng		0.00
39) Acenaphthene-d10	13.19	164	83505	20.00	ng		0.00
64) Phenanthrene-d10	15.59	188	157386	20.00	ng		0.00
76) Chrysene-d12	19.23	240	115420	20.00	ng		0.00
87) Perylene-d12	21.00	264	113337	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	298405	126.02	ng		0.02
7) Phenol-d6	7.77	99	415164	134.37	ng		0.02
23) Nitrobenzene-d5	9.17	82	269119	73.59	ng		0.00
42) 2,4,6-Tribromophenol	14.49	330	130785	125.27	ng		0.01
45) 2-Fluorobiphenyl	12.10	172	533234	80.75	ng		0.00
79) Terphenyl-d14	17.87	244	576720	85.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	34331	35.231	ng		96
3) Pyridine	3.43	79	90911	34.151	ng		98
4) n-Nitrosodimethylamine	3.35	42	78759	46.725	ng		98
6) Aniline	7.77	93	170454	43.825	ng	#	75
8) 2-Chlorophenol	7.96	128	124215	52.180	ng		95
9) Benzaldehyde	7.59	77	86258	39.797	ng		97
10) Phenol	7.79	94	187296	53.054	ng	#	75
11) bis(2-Chloroethyl)ether	7.90	93	115631	46.298	ng		96
12) 1,3-Dichlorobenzene	8.19	146	137135	46.250	ng		98
13) 1,4-Dichlorobenzene	8.32	146	145649	48.214	ng		98
14) 1,2-Dichlorobenzene	8.55	146	139349	48.420	ng		97
15) Benzyl Alcohol	8.53	79	137855	47.550	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	153056	38.695	ng		79
17) 2-Methylphenol	8.73	107	108356	51.511	ng		95
18) Hexachloroethane	9.09	117	54983	42.785	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	99074	45.169	ng		99
20) 3+4-Methylphenols	8.98	107	141798	50.798	ng		99
22) Acetophenone	8.94	105	194131	43.714	ng	#	97
24) Nitrobenzene	9.20	77	156284	43.420	ng		99
25) Isophorone	9.60	82	266714	45.357	ng		100
26) 2-Nitrophenol	9.72	139	65917	51.358	ng		97
27) 2,4-Dimethylphenol	9.82	122	111366	58.995	ng		98
28) bis(2-Chloroethoxy)methane	9.97	93	148328	42.234	ng		98
29) 2,4-Dichlorophenol	10.12	162	117067	50.084	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	132678	46.147	ng		95
31) Naphthalene	10.36	128	367088	47.886	ng		99
32) Benzoic acid	10.07	122	85133	54.965	ng		94
33) 4-Chloroaniline	10.46	127	101881	32.497	ng		97
34) Hexachlorobutadiene	10.58	225	86303	43.036	ng		94
35) Caprolactam	11.06	113	33927m	48.779	ng		
36) 4-Chloro-3-methylphenol	11.29	107	130950	47.941	ng		98
37) 2-Methylnaphthalene	11.49	142	261856	49.479	ng		98
38) 1-Methylnaphthalene	11.65	142	246056	49.453	ng		97
40) 1,2,4,5-Tetrachlorobenzene	11.77	216	146377	47.408	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	143391	93.897	ng		99
43) 2,4,6-Trichlorophenol	11.96	196	92568	48.749	ng		97
44) 2,4,5-Trichlorophenol	12.03	196	99374	50.935	ng		97
46) 1,1'-Biphenyl	12.26	154	332545	47.588	ng		100
47) 2-Chloronaphthalene	12.28	162	264702	46.857	ng		100
48) 2-Nitroaniline	12.46	65	96010	42.443	ng		98
49) Acenaphthylene	12.96	152	407570	49.354	ng		99
50) Dimethylphthalate	12.79	163	335263	48.939	ng		99
51) 2,6-Dinitrotoluene	12.87	165	66699	47.949	ng		91
52) Acenaphthene	13.25	154	236303	47.493	ng		98
53) 3-Nitroaniline	13.13	138	46722	31.293	ng		98
54) 2,4-Dinitrophenol	13.32	184	55517	103.357	ng		96
55) Dibenzofuran	13.53	168	384435	49.313	ng		99
56) 4-Nitrophenol	13.46	139	87670	82.118	ng		92
57) 2,4-Dinitrotoluene	13.53	165	92144	47.659	ng	#	93
58) Fluorene	14.09	166	298626	47.893	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	77239	46.112	ng		93
60) Diethylphthalate	13.95	149	302993	42.881	ng		98
61) 4-Chlorophenyl-phenylether	14.10	204	156004	47.595	ng		96
62) 4-Nitroaniline	12.46	138	79522	45.994	ng		93
63) Azobenzene	14.37	77	323659	43.510	ng		97
65) 4,6-Dinitro-2-methylphenol	14.20	198	41336	58.643	ng		98
66) n-Nitrosodiphenylamine	14.30	169	256441	51.396	ng		99
67) 4-Bromophenyl-phenylether	14.90	248	90667	48.725	ng		91
68) Hexachlorobenzene	14.99	284	102709	48.485	ng		97
69) Atrazine	15.20	200	86389	48.201	ng		97
70) Pentachlorophenol	15.31	266	97446	89.701	ng		95
71) Phenanthrene	15.63	178	435203	48.467	ng		99
72) Anthracene	15.70	178	444598	50.017	ng		99
73) Carbazole	15.95	167	373008	47.067	ng		99
74) Di-n-butylphthalate	16.50	149	458475	42.157	ng		99
75) Fluoranthene	17.33	202	463488	46.162	ng		100
77) Benzidine	17.53	184	208579	62.068	ng		99
78) Pyrene	17.64	202	459738	51.301	ng		100
80) Butylbenzylphthalate	18.52	149	181983	43.558	ng		93
81) Benzo(a)anthracene	19.22	228	407489	48.450	ng		99
82) 3,3'-Dichlorobenzidine	19.19	252	139546	47.782	ng		98
83) Chrysene	19.27	228	391342	48.207	ng		99
84) Bis(2-ethylhexyl)phthalate	19.27	149	266218	43.423	ng		98
85) Di-n-octyl phthalate	20.05	149	415272	40.868	ng		97
86) Indeno(1,2,3-cd)pyrene	22.64	276	393906	44.928	ng	#	95
88) Benzo(b)fluoranthene	20.52	252	358986	48.230	ng		99
89) Benzo(k)fluoranthene	20.56	252	367148	51.782	ng		99
90) Benzo(a)pyrene	20.93	252	330416	48.730	ng		99
91) Dibenzo(a,h)anthracene	22.66	278	338777	51.101	ng	#	95
92) Benzo(g,h,i)perylene	23.13	276	323938	51.135	ng		99

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

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