Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
Data File : BP001303.D
Acq On : 10 Dec 2019 19:24
Operator : JU
Sample : K6111-08MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-120619MS

Manual Integrations APPROVED
mohammad
12/11/2019 12:31:04 PM

Quant Time: Dec 11 04:53:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	64629	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	231102	20.00	ng		0.00
39) Acenaphthene-d10	13.20	164	135082	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	265099	20.00	ng		0.00
76) Chrysene-d12	19.25	240	201906	20.00	ng		-0.01
87) Perylene-d12	21.02	264	209284	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	532979	136.82	ng		0.02
7) Phenol-d6	7.77	99	677974	130.64	ng		0.00
23) Nitrobenzene-d5	9.19	82	564307	105.94	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	242240	187.09	ng		0.00
45) 2-Fluorobiphenyl	12.13	172	1006005	109.00	ng		0.00
79) Terphenyl-d14	17.89	244	1213158	111.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	66938	36.788	ng		98
3) Pyridine	3.50	79	149576	29.625	ng		97
4) n-Nitrosodimethylamine	3.40	42	124406	56.941	ng	#	77
6) Aniline	7.79	93	174455	25.353	ng	#	1
8) 2-Chlorophenol	7.98	128	195550	48.519	ng		97
9) Benzaldehyde	7.60	77	58429	14.988	ng		96
10) Phenol	7.79	94	243032	41.170	ng		96
11) bis(2-Chloroethyl)ether	7.92	93	205362	44.675	ng		99
12) 1,3-Dichlorobenzene	8.22	146	206664	43.261	ng		95
13) 1,4-Dichlorobenzene	8.33	146	213808	44.430	ng		97
14) 1,2-Dichlorobenzene	8.58	146	205043	45.273	ng		99
15) Benzyl Alcohol	8.55	79	238092	55.889	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.78	45	319951	43.293	ng		99
17) 2-Methylphenol	8.73	107	168805	45.659	ng		95
18) Hexachloroethane	9.11	117	89072	44.743	ng		99
19) n-Nitroso-di-n-propylamine	8.98	70	184511	49.271	ng		98
20) 3+4-Methylphenols	8.98	107	226811	48.668	ng		99
22) Acetophenone	8.96	105	344771	50.758	ng	#	96
24) Nitrobenzene	9.22	77	280635	52.982	ng		98
25) Isophorone	9.62	82	487758	51.065	ng		98
26) 2-Nitrophenol	9.73	139	102528	52.846	ng		95
27) 2,4-Dimethylphenol	9.83	122	180989	58.894	ng		96
28) bis(2-Chloroethoxy)methane	9.98	93	276026	46.058	ng		99
29) 2,4-Dichlorophenol	10.12	162	184227	52.671	ng		100
30) 1,2,4-Trichlorobenzene	10.26	180	204307	50.011	ng		98
31) Naphthalene	10.38	128	608821	51.582	ng		99
32) Benzoic acid	10.02	122	76406	34.390	ng		98
33) 4-Chloroaniline	10.47	127	93262	18.208	ng		98
34) Hexachlorobutadiene	10.60	225	138992	54.084	ng		96
35) Caprolactam	11.05	113	44685m	37.069	ng		
36) 4-Chloro-3-methylphenol	11.29	107	220558	53.185	ng		96
37) 2-Methylnaphthalene	11.51	142	427171	53.040	ng		98
38) 1-Methylnaphthalene	11.67	142	389333	51.174	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	230414	54.126	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	272818	138.917	ng		99
43) 2,4,6-Trichlorophenol	11.97	196	145176	52.230	ng		98
44) 2,4,5-Trichlorophenol	12.04	196	156801	54.446	ng		97
46) 1,1'-Biphenyl	12.28	154	540694	51.792	ng		99
47) 2-Chloronaphthalene	12.30	162	419413	50.296	ng		99
48) 2-Nitroaniline	12.47	65	167021	51.105	ng		97
49) Acenaphthylene	12.97	152	654668	52.375	ng		100
50) Dimethylphthalate	12.80	163	516227	51.097	ng		100
51) 2,6-Dinitrotoluene	12.89	165	110715	51.194	ng		96
52) Acenaphthene	13.26	154	384266	51.106	ng		99
53) 3-Nitroaniline	13.14	138	62143	25.580	ng		99
54) 2,4-Dinitrophenol	13.32	184	57516	66.433	ng		91
55) Dibenzofuran	13.55	168	609948	53.984	ng		99
56) 4-Nitrophenol	13.45	139	146595	85.156	ng		91
57) 2,4-Dinitrotoluene	13.54	165	150865	55.653	ng	#	88
58) Fluorene	14.11	166	486324	53.716	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	132608	56.015	ng		100
60) Diethylphthalate	13.97	149	534668	51.111	ng		98
61) 4-Chlorophenyl-phenylether	14.13	204	249235	54.060	ng		99
62) 4-Nitroaniline	12.47	138	129607	46.015	ng		94
63) Azobenzene	14.39	77	584822	51.720	ng		96
65) 4,6-Dinitro-2-methylphenol	14.21	198	49734	44.299	ng		94
66) n-Nitrosodiphenylamine	14.32	169	413737	51.365	ng		99
67) 4-Bromophenyl-phenylether	14.92	248	148425	51.571	ng		98
68) Hexachlorobenzene	15.01	284	159315	50.351	ng		96
69) Atrazine	15.22	200	135642	55.153	ng		96
70) Pentachlorophenol	15.32	266	183532	111.290	ng		100
71) Phenanthrene	15.65	178	725020	52.021	ng		98
72) Anthracene	15.72	178	735012	53.506	ng		99
73) Carbazole	15.96	167	637688	51.015	ng		99
74) Di-n-butylphthalate	16.52	149	852387	50.717	ng		99
75) Fluoranthene	17.35	202	780696	52.912	ng		99
77) Benzidine	17.54	184	224460	43.057	ng		100
78) Pyrene	17.66	202	791182	49.752	ng		100
80) Butylbenzylphthalate	18.54	149	359647	48.964	ng		96
81) Benzo(a)anthracene	19.23	228	688329	49.170	ng		100
82) 3,3'-Dichlorobenzidine	19.20	252	158408	34.253	ng		96
83) Chrysene	19.28	228	661481	52.768	ng		98
84) Bis(2-ethylhexyl)phthalate	19.29	149	518402	51.334	ng		98
85) Di-n-octyl phthalate	20.06	149	871726	48.593	ng		100
86) Indeno(1,2,3-cd)pyrene	22.66	276	697981	47.246	ng		97
88) Benzo(b)fluoranthene	20.53	252	673666	52.700	ng		99
89) Benzo(k)fluoranthene	20.57	252	613835	49.857	ng		99
90) Benzo(a)pyrene	20.95	252	612381	52.009	ng		98
91) Dibenzo(a,h)anthracene	22.69	278	580805	50.406	ng		98
92) Benzo(g,h,i)perylene	23.15	276	561873	49.383	ng		97

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

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