Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001432.D
Acq On : 26 Dec 2019 20:25
Operator : JU
Sample : K6118-13MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-01-122319MS

Manual Integrations APPROVED
mohammad
12/27/2019 3:18:26 PM

Quant Time: Dec 27 08:19:54 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	30688	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	110185	20.00	ng		0.00
39) Acenaphthene-d10	13.19	164	65268	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	128295	20.00	ng		0.00
76) Chrysene-d12	19.23	240	95460	20.00	ng		0.00
87) Perylene-d12	20.99	264	97183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	277271	146.03	ng		0.04
7) Phenol-d6	7.77	99	365467	147.50	ng		0.02
23) Nitrobenzene-d5	9.18	82	255730	89.13	ng		0.00
42) 2,4,6-Tribromophenol	14.49	330	127986	156.85	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	522342	101.20	ng		0.00
79) Terphenyl-d14	17.87	244	624485	112.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	29071	37.202	ng	#	74
3) Pyridine	3.53	79	69448	32.533	ng		94
4) n-Nitrosodimethylamine	3.42	42	65064	48.136	ng		96
6) Aniline	7.78	93	21907	7.024	ng	#	1
8) 2-Chlorophenol	7.96	128	97865	51.267	ng		99
9) Benzaldehyde	7.59	77	53108	30.556	ng		95
10) Phenol	7.79	94	124549	43.995	ng	#	76
11) bis(2-Chloroethyl)ether	7.90	93	90915	45.395	ng		98
12) 1,3-Dichlorobenzene	8.20	146	100481	42.259	ng		96
13) 1,4-Dichlorobenzene	8.32	146	102448	42.291	ng		100
14) 1,2-Dichlorobenzene	8.55	146	100656	43.615	ng		97
15) Benzyl Alcohol	8.53	79	113628	48.876	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.76	45	118153	37.250	ng		90
17) 2-Methylphenol	8.73	107	86309	51.166	ng		96
18) Hexachloroethane	9.09	117	38408	37.270	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	80477	45.754	ng		100
20) 3+4-Methylphenols	8.98	107	112310	50.173	ng		97
22) Acetophenone	8.94	105	156615	44.948	ng	#	98
24) Nitrobenzene	9.20	77	126640	44.843	ng		100
25) Isophorone	9.60	82	212062	45.964	ng		99
26) 2-Nitrophenol	9.72	139	52428	52.063	ng		96
27) 2,4-Dimethylphenol	9.82	122	86713	58.547	ng		97
28) bis(2-Chloroethoxy)methane	9.96	93	119428	43.341	ng		99
29) 2,4-Dichlorophenol	10.12	162	94815	51.701	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	99951	44.308	ng		97
31) Naphthalene	10.36	128	282932	47.041	ng		98
32) Benzoic acid	10.04	122	52705	44.430	ng		97
33) 4-Chloroaniline	10.46	127	13512	5.493	ng		96
34) Hexachlorobutadiene	10.58	225	62674	39.834	ng		96
35) Caprolactam	11.05	113	25593m	46.899	ng		
36) 4-Chloro-3-methylphenol	11.29	107	105834	49.383	ng		96
37) 2-Methylnaphthalene	11.49	142	205318	49.447	ng		99
38) 1-Methylnaphthalene	11.65	142	193570	49.585	ng		97
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	117242	48.582	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	105597	88.470	ng		99
43) 2,4,6-Trichlorophenol	11.96	196	77156	51.986	ng		97
44) 2,4,5-Trichlorophenol	12.03	196	83098	54.493	ng		98
46) 1,1'-Biphenyl	12.26	154	272357	49.866	ng		98
47) 2-Chloronaphthalene	12.28	162	211299	47.855	ng		97
48) 2-Nitroaniline	12.46	65	75809	42.876	ng		93
49) Acenaphthylene	12.95	152	325203	50.383	ng		99
50) Dimethylphthalate	12.79	163	264871	49.467	ng		99
51) 2,6-Dinitrotoluene	12.87	165	54425	50.058	ng		91
52) Acenaphthene	13.24	154	193092	49.652	ng		99
53) 3-Nitroaniline	13.12	138	10424	8.933	ng		96
54) 2,4-Dinitrophenol	13.31	184	34027	81.049	ng		97
55) Dibenzofuran	13.53	168	314257	51.575	ng		98
56) 4-Nitrophenol	13.46	139	74105	88.807	ng		97
57) 2,4-Dinitrotoluene	13.52	165	76685	50.746	ng	#	90
58) Fluorene	14.09	166	248509	50.991	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.74	232	67586	51.624	ng		96
60) Diethylphthalate	13.95	149	254477	46.078	ng		100
61) 4-Chlorophenyl-phenylether	14.10	204	127698	49.845	ng		98
62) 4-Nitroaniline	12.46	138	63607	47.068	ng		94
63) Azobenzene	14.36	77	266424	45.823	ng		94
65) 4,6-Dinitro-2-methylphenol	14.19	198	28784	50.096	ng		98
66) n-Nitrosodiphenylamine	14.30	169	210808	51.830	ng		99
67) 4-Bromophenyl-phenylether	14.90	248	75896	50.036	ng		93
68) Hexachlorobenzene	14.99	284	85220	49.351	ng		97
69) Atrazine	15.20	200	75598	51.745	ng		98
70) Pentachlorophenol	15.31	266	88503	99.942	ng		94
71) Phenanthrene	15.62	178	368012	50.278	ng		99
72) Anthracene	15.70	178	373420	51.535	ng		98
73) Carbazole	15.95	167	316081	48.928	ng		99
74) Di-n-butylphthalate	16.50	149	388026	43.769	ng		99
75) Fluoranthene	17.33	202	397351	48.549	ng		99
77) Benzidine	17.52	184	79819	28.719	ng		99
78) Pyrene	17.64	202	398233	53.729	ng		99
80) Butylbenzylphthalate	18.52	149	160840	46.547	ng		96
81) Benzo(a)anthracene	19.22	228	356435	51.241	ng		100
82) 3,3'-Dichlorobenzidine	19.18	252	53989	22.352	ng		99
83) Chrysene	19.26	228	345839	51.509	ng		99
84) Bis(2-ethylhexyl)phthalate	19.26	149	234082	46.165	ng		99
85) Di-n-octyl phthalate	20.05	149	378357	45.021	ng		97
86) Indeno(1,2,3-cd)pyrene	22.63	276	357059	49.241	ng		98
88) Benzo(b)fluoranthene	20.52	252	349909	54.825	ng		98
89) Benzo(k)fluoranthene	20.55	252	308221	50.697	ng		99
90) Benzo(a)pyrene	20.93	252	293052	50.404	ng		98
91) Dibenzo(a,h)anthracene	22.66	278	302134	53.149	ng		100
92) Benzo(g,h,i)perylene	23.12	276	291898	53.736	ng		98

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

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