Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
Data File : BP001596.D
Acq On : 14 Jan 2020 20:06
Operator : JU
Sample : L1014-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MSD

Manual Integrations APPROVED
mohammad
1/16/2020 1:45:55 PM

Quant Time: Jan 14 22:08:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29989	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	105752	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	73911	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	173184	20.00	ng		0.00
76) Chrysene-d12	21.15	240	150112	20.00	ng		0.00
87) Perylene-d12	23.39	264	148069	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	219592	143.44	ng		0.00
7) Phenol-d6	6.84	99	278261	113.73	ng		0.00
23) Nitrobenzene-d5	8.79	82	237745	98.24	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	149468	132.85	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	526491	104.73	ng		0.00
79) Terphenyl-d14	19.64	244	860604	104.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	26066	53.351	ng	#	1
3) Pyridine	3.63	79	52364	29.660	ng		93
4) n-Nitrosodimethylamine	3.53	42	70346	56.220	ng		96
6) Aniline	6.98	93	37067	12.116	ng		96
8) 2-Chlorophenol	7.22	128	84432	47.240	ng		94
9) Benzaldehyde	6.79	77	33565	22.967	ng		97
10) Phenol	6.86	94	97464	38.508	ng		99
11) bis(2-Chloroethyl)ether	7.08	93	92258	46.477	ng		97
12) 1,3-Dichlorobenzene	7.53	146	98064	43.649	ng		98
13) 1,4-Dichlorobenzene	7.67	146	98977	42.606	ng		97
14) 1,2-Dichlorobenzene	7.99	146	93761	41.764	ng		98
15) Benzyl Alcohol	7.88	79	93039	40.379	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	164861	44.707	ng		98
17) 2-Methylphenol	8.09	107	74459	42.372	ng		98
18) Hexachloroethane	8.71	117	39321	43.358	ng		96
19) n-Nitroso-di-n-propylamine	8.45	70	76668	41.101	ng		90
20) 3+4-Methylphenols	8.42	107	96459	39.243	ng		97
22) Acetophenone	8.46	105	141223	47.638	ng	#	94
24) Nitrobenzene	8.83	77	123053	50.260	ng		99
25) Isophorone	9.36	82	206609	47.608	ng		97
26) 2-Nitrophenol	9.53	139	46871	50.657	ng		95
27) 2,4-Dimethylphenol	9.62	122	76020	54.995	ng		98
28) bis(2-Chloroethoxy)methane	9.84	93	115874	45.578	ng		96
29) 2,4-Dichlorophenol	10.08	162	86967	45.963	ng		99
30) 1,2,4-Trichlorobenzene	10.28	180	108489	47.497	ng		97
31) Naphthalene	10.46	128	279311	50.045	ng		98
32) Benzoic acid	9.77	122	37825m	32.129	ng		
33) 4-Chloroaniline	10.59	127	9381	3.651	ng		95
34) Hexachlorobutadiene	10.76	225	76768	47.478	ng		92
35) Caprolactam	11.36	113	19439m	28.292	ng		
36) 4-Chloro-3-methylphenol	11.72	107	93754	41.288	ng		99
37) 2-Methylnaphthalene	12.09	142	203996	45.862	ng		97
38) 1-Methylnaphthalene	12.30	142	195979	45.785	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	135197	53.398	ng	#	98

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Quant Time: Jan 14 22:08:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	189230	147.342 ng	98
43) 2,4,6-Trichlorophenol	12.71	196	81902	50.157 ng	96
44) 2,4,5-Trichlorophenol	12.78	196	88308	50.892 ng	94
46) 1,1'-Biphenyl	13.12	154	271066	51.180 ng	99
47) 2-Chloronaphthalene	13.15	162	219805	49.935 ng	99
48) 2-Nitroaniline	13.36	65	78434	45.353 ng	96
49) Acenaphthylene	14.00	152	344328	50.721 ng	99
50) Dimethylphthalate	13.76	163	276775	45.465 ng	98
51) 2,6-Dinitrotoluene	13.86	165	59670	46.222 ng	96
52) Acenaphthene	14.35	154	203938	48.505 ng	100
53) 3-Nitroaniline	14.19	138	22156	16.255 ng	92
54) 2,4-Dinitrophenol	14.40	184	66259	91.284 ng	86
55) Dibenzofuran	14.69	168	344546	48.460 ng	99
56) 4-Nitrophenol	14.53	139	83202	76.444 ng	93
57) 2,4-Dinitrotoluene	14.66	165	83103	43.996 ng	91
58) Fluorene	15.35	166	274625	47.734 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	87312	48.729 ng	97
60) Diethylphthalate	15.14	149	272822	43.573 ng	97
61) 4-Chlorophenyl-phenylether	15.35	204	158820	48.234 ng	98
62) 4-Nitroaniline	15.37	138	50611	32.568 ng	97
63) Azobenzene	15.64	77	310615	49.649 ng	96
65) 4,6-Dinitro-2-methylphenol	15.43	198	49313	52.667 ng	95
66) n-Nitrosodiphenylamine	15.56	169	238713	52.029 ng	98
67) 4-Bromophenyl-phenylether	16.25	248	99093	50.720 ng	97
68) Hexachlorobenzene	16.36	284	110679	48.759 ng	98
69) Atrazine	16.53	200	90168	53.511 ng	99
70) Pentachlorophenol	16.70	266	130057	103.749 ng	99
71) Phenanthrene	17.09	178	459089	48.745 ng	99
72) Anthracene	17.18	178	463498	50.552 ng	99
73) Carbazole	17.46	167	385528	44.787 ng	100
74) Di-n-butylphthalate	18.04	149	467350	45.890 ng	98
75) Fluoranthene	19.07	202	562846	45.417 ng	100
77) Benzidine	19.26	184	10205m	2.977 ng	
78) Pyrene	19.42	202	574667	52.115 ng	100
80) Butylbenzylphthalate	20.32	149	200498	47.840 ng	98
81) Benzo(a)anthracene	21.14	228	510722	48.853 ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	112451	28.685 ng	96
83) Chrysene	21.19	228	496228	48.706 ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	286999	49.954 ng	98
85) Di-n-octyl phthalate	21.97	149	453305	49.483 ng	96
86) Indeno(1,2,3-cd)pyrene	25.64	276	525859	44.093 ng	97
88) Benzo(b)fluoranthene	22.72	252	479307	51.370 ng	99
89) Benzo(k)fluoranthene	22.76	252	480058	52.769 ng	97
90) Benzo(a)pyrene	23.29	252	436547	49.277 ng	97
91) Dibenzo(a,h)anthracene	25.66	278	443815	48.555 ng	99
92) Benzo(g,h,i)perylene	26.33	276	450538	49.582 ng	98

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

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