Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002381.D
Acq On : 10 Jun 2020 18:50
Operator : CG/JU
Sample : PB129457BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129457BL

Quant Time: Jun 11 04:33:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 03:54:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	199988	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	793907	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	534400	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	1234400	20.00	ng		0.00
76) Chrysene-d12	21.10	240	1339535	20.00	ng		-0.01
86) Perylene-d12	23.30	264	1445604	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1215983	112.51	ng		0.00
7) Phenol-d6	6.78	99	1568801	109.03	ng		0.00
23) Nitrobenzene-d5	8.73	82	1054928	79.35	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	817309	159.74	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	2517505	79.21	ng		0.00
79) Terphenyl-d14	19.59	244	4408552	86.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	174	0.035	ng	#	47
3) Pyridine	3.55	79	30	0.002	ng	#	1
4) n-Nitrosodimethylamine	3.44	42	86	0.015	ng	#	1
6) Aniline	6.93	93	175	0.009	ng	#	1
8) 2-Chlorophenol	7.08	128	108	0.009	ng		89
9) Benzaldehyde	6.70	77	83	0.011	ng	#	28
10) Phenol	6.78	94	418	0.027	ng	#	1
11) bis(2-Chloroethyl)ether	6.99	93	94	0.007	ng		78
12) 1,3-Dichlorobenzene	7.49	146	22	0.002	ng	#	63
13) 1,4-Dichlorobenzene	7.63	146	16	0.001	ng		94
14) 1,2-Dichlorobenzene	7.97	146	34	0.003	ng	#	1
15) Benzyl Alcohol	7.91	79	18180	1.630	ng	#	46
16) 2,2'-oxybis(1-Chloropropan	8.13	45	65	0.004	ng	#	1
17) 2-Methylphenol	8.06	107	99	0.009	ng	#	3
18) Hexachloroethane	8.69	117	62	0.012	ng	#	51
19) n-Nitroso-di-n-propylamine	8.40	70	34	0.004	ng	#	55
20) 3+4-Methylphenols	8.38	107	12	0.001	ng	#	1
22) Acetophenone	8.39	105	97	0.005	ng	#	1
24) Nitrobenzene	8.79	77	148	0.010	ng	#	69
25) Isophorone	9.28	82	202	0.007	ng	#	68
26) 2-Nitrophenol	9.48	139	23	0.004	ng	#	1
27) 2,4-Dimethylphenol	9.61	122	6	0.001	ng		86
28) bis(2-Chloroethoxy)methane	9.79	93	135	0.008	ng	#	84
29) 2,4-Dichlorophenol	10.04	162	38	0.003	ng	#	75
30) 1,2,4-Trichlorobenzene	10.23	180	34	0.003	ng	#	44
31) Naphthalene	10.40	128	119	0.003	ng	#	94
32) Benzoic acid	9.73	122	13	0.002	ng	#	1
33) 4-Chloroaniline	10.53	127	10	0.001	ng	#	1
34) Hexachlorobutadiene	10.72	225	16	0.002	ng		94
35) Caprolactam	11.30	113	15	0.004	ng	#	1
36) 4-Chloro-3-methylphenol	11.68	107	65	0.005	ng	#	15
37) 2-Methylnaphthalene	12.02	142	29	0.001	ng	#	45
38) 1-Methylnaphthalene	12.28	142	17	0.001	ng	#	28
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	16	0.001	ng	#	31

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	11	0.001 ng		85
43) 2,4,6-Trichlorophenol	12.65	196	22	0.002 ng	#	12
44) 2,4,5-Trichlorophenol	12.72	196	8	0.001 ng	#	22
46) 1,1'-Biphenyl	13.06	154	6174	0.176 ng		98
47) 2-Chloronaphthalene	13.10	162	64	0.002 ng	#	80
48) 2-Nitroaniline	13.19	65	36	0.004 ng		94
49) Acenaphthylene	13.96	152	78	0.002 ng	#	45
50) Dimethylphthalate	13.70	163	25	0.001 ng	#	1
51) 2,6-Dinitrotoluene	13.86	165	77	0.010 ng	#	61
52) Acenaphthene	14.23	154	1942	0.072 ng	#	8
53) 3-Nitroaniline	14.17	138	66	0.007 ng	#	33
54) 2,4-Dinitrophenol	14.37	184	28	0.006 ng		95
55) Dibenzofuran	14.65	168	218	0.005 ng	#	60
56) 4-Nitrophenol	14.35	139	13	0.002 ng		92
57) 2,4-Dinitrotoluene	14.62	165	94	0.009 ng	#	57
58) Fluorene	15.30	166	78	0.002 ng	#	73
59) 2,3,4,6-Tetrachlorophenol	14.90	232	44	0.005 ng	#	44
60) Diethylphthalate	15.10	149	199	0.005 ng	#	81
61) 4-Chlorophenyl-phenylether	15.32	204	86	0.005 ng	#	79
62) 4-Nitroaniline	15.19	138	18	0.002 ng		93
63) Azobenzene	15.60	77	298	0.008 ng		70
65) 4,6-Dinitro-2-methylphenol	15.39	198	7	0.001 ng	#	1
66) n-Nitrosodiphenylamine	15.73	169	22228	0.705 ng	#	47
67) 4-Bromophenyl-phenylether	16.20	248	23	0.002 ng	#	1
68) Hexachlorobenzene	16.32	284	15	0.001 ng	#	56
69) Atrazine	16.50	200	38	0.004 ng		96
70) Pentachlorophenol	16.65	266	16	0.002 ng	#	50
71) Phenanthrene	17.03	178	385	0.007 ng	#	81
72) Anthracene	17.14	178	270	0.005 ng	#	78
73) Carbazole	17.39	167	40	0.001 ng	#	51
74) Di-n-butylphthalate	17.99	149	871	0.013 ng	#	95
75) Fluoranthene	19.03	202	302	0.004 ng		82
77) Benzidine	19.18	184	37	0.001 ng	#	1
78) Pyrene	19.59	202	15434	0.188 ng	#	69
80) Butylbenzylphthalate	20.26	149	114	0.003 ng	#	85
81) Benzo(a)anthracene	21.10	228	4068	0.053 ng	#	69
82) 3,3'-Dichlorobenzidine	21.00	252	100	0.004 ng	#	38
83) Chrysene	21.13	228	1062	0.015 ng	#	86
84) Bis(2-ethylhexyl)phthalate	21.05	149	229	0.004 ng	#	72
85) Di-n-octyl phthalate	21.89	149	393	0.004 ng	#	68
87) Indeno(1,2,3-cd)pyrene	25.52	276	1060	0.012 ng	#	58
88) Benzo(b)fluoranthene	22.65	252	1247	0.016 ng	#	30
89) Benzo(k)fluoranthene	22.69	252	1217	0.016 ng	#	1
90) Benzo(a)pyrene	23.19	252	1009	0.014 ng	#	1
91) Dibenzo(a,h)anthracene	25.53	278	552	0.008 ng	#	25
92) Benzo(g,h,i)perylene	26.17	276	787	0.010 ng	#	62

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

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