Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002380.D
Acq On : 10 Jun 2020 18:16
Operator : CG/JU
Sample : PB129455BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129455BL

Quant Time: Jun 11 04:34:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	169901	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	661635	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	433326	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1005472	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1099016	20.00	ng	-0.01
86) Perylene-d12	23.29	264	1197790	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1318732	143.62	ng	0.00
7) Phenol-d6	6.78	99	1677316	137.21	ng	0.00
23) Nitrobenzene-d5	8.73	82	1122662	101.33	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	837819	201.94	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2614526	101.45	ng	0.00
79) Terphenyl-d14	19.59	244	4516642	107.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	234	0.055	ng	# 47
3) Pyridine	3.53	79	296	0.026	ng	# 1
4) n-Nitrosodimethylamine	3.47	42	49	0.010	ng	# 1
6) Aniline	6.91	93	275	0.017	ng	# 34
8) 2-Chlorophenol	7.21	128	116	0.011	ng	70
9) Benzaldehyde	6.72	77	213	0.034	ng	# 31
10) Phenol	6.79	94	468	0.035	ng	# 1
11) bis(2-Chloroethyl)ether	6.99	93	79	0.007	ng	85
12) 1,3-Dichlorobenzene	7.49	146	6	0.001	ng	# 1
13) 1,4-Dichlorobenzene	7.41	146	34	0.003	ng	91
14) 1,2-Dichlorobenzene	7.95	146	21	0.002	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.13	45	37	0.002	ng	# 1
17) 2-Methylphenol	8.04	107	17	0.002	ng	# 1
18) Hexachloroethane	8.66	117	48	0.011	ng	# 23
19) n-Nitroso-di-n-propylamine	8.40	70	119	0.015	ng	# 1
20) 3+4-Methylphenols	8.36	107	17	0.001	ng	# 1
22) Acetophenone	8.45	105	73	0.005	ng	# 1
24) Nitrobenzene	8.73	77	3593	0.302	ng	# 32
25) Isophorone	9.30	82	124	0.005	ng	# 83
26) 2-Nitrophenol	9.50	139	5	0.001	ng	# 1
27) 2,4-Dimethylphenol	9.55	122	18	0.002	ng	# 56
28) bis(2-Chloroethoxy)methane	9.80	93	58	0.004	ng	# 40
29) 2,4-Dichlorophenol	10.03	162	53	0.006	ng	# 22
30) 1,2,4-Trichlorobenzene	10.18	180	14	0.001	ng	94
31) Naphthalene	10.41	128	74	0.002	ng	# 52
32) Benzoic acid	9.73	122	19	0.003	ng	# 1
33) 4-Chloroaniline	10.55	127	51	0.004	ng	# 1
34) Hexachlorobutadiene	10.70	225	12	0.002	ng	# 85
35) Caprolactam	11.28	113	29	0.009	ng	# 1
36) 4-Chloro-3-methylphenol	11.56	107	54	0.005	ng	95
37) 2-Methylnaphthalene	12.03	142	30	0.001	ng	# 41
38) 1-Methylnaphthalene	12.28	142	19	0.001	ng	# 61
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	20	0.002	ng	# 1
41) Hexachlorocyclopentadiene	12.29	237	30	0.005	ng	80

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.67	196	10	0.001	ng	#	46
44) 2,4,5-Trichlorophenol	12.75	196	35	0.004	ng	#	35
46) 1,1'-Biphenyl	13.07	154	6559	0.231	ng		98
47) 2-Chloronaphthalene	13.33	162	23	0.001	ng		98
48) 2-Nitroaniline	13.31	65	11	0.001	ng	#	52
49) Acenaphthylene	13.96	152	115	0.003	ng	#	82
50) Dimethylphthalate	13.72	163	25	0.001	ng	#	1
51) 2,6-Dinitrotoluene	13.83	165	54	0.008	ng	#	82
52) Acenaphthene	14.23	154	1625	0.075	ng	#	7
53) 3-Nitroaniline	14.16	138	13	0.002	ng	#	38
54) 2,4-Dinitrophenol	14.56	184	11	0.003	ng		90
55) Dibenzofuran	14.65	168	216	0.006	ng	#	69
56) 4-Nitrophenol	14.47	139	26	0.004	ng	#	49
57) 2,4-Dinitrotoluene	14.62	165	32	0.004	ng	#	48
58) Fluorene	15.28	166	66	0.002	ng	#	26
59) 2,3,4,6-Tetrachlorophenol	14.86	232	14	0.002	ng	#	1
60) Diethylphthalate	15.08	149	127	0.004	ng	#	83
61) 4-Chlorophenyl-phenylether	15.28	204	17	0.001	ng	#	52
62) 4-Nitroaniline	15.30	138	27	0.004	ng	#	1
63) Azobenzene	15.59	77	132	0.004	ng	#	41
65) 4,6-Dinitro-2-methylphenol	15.37	198	23	0.004	ng	#	1
66) n-Nitrosodiphenylamine	15.73	169	23253	0.905	ng	#	50
67) 4-Bromophenyl-phenylether	16.20	248	38	0.004	ng	#	1
68) Hexachlorobenzene	16.30	284	44	0.004	ng	#	1
69) Atrazine	16.62	200	30	0.004	ng		69
70) Pentachlorophenol	16.42	266	30	0.005	ng		90
71) Phenanthrene	17.05	178	552	0.012	ng	#	77
72) Anthracene	17.13	178	296	0.006	ng	#	86
73) Carbazole	17.42	167	215	0.005	ng	#	90
74) Di-n-butylphthalate	18.06	149	126	0.002	ng		96
75) Fluoranthene	19.03	202	229	0.004	ng		94
77) Benzidine	19.21	184	224	0.009	ng	#	89
78) Pyrene	19.59	202	15744	0.234	ng	#	66
80) Butylbenzylphthalate	20.23	149	242	0.008	ng		88
81) Benzo(a)anthracene	21.09	228	3928	0.063	ng	#	78
82) 3,3'-Dichlorobenzidine	21.04	252	331	0.014	ng	#	65
83) Chrysene	21.13	228	1177	0.020	ng	#	84
84) Bis(2-ethylhexyl)phthalate	21.03	149	187	0.004	ng	#	58
85) Di-n-octyl phthalate	21.90	149	87	0.001	ng	#	40
87) Indeno(1,2,3-cd)pyrene	25.51	276	1160	0.015	ng	#	70
88) Benzo(b)fluoranthene	22.65	252	1384	0.021	ng	#	19
89) Benzo(k)fluoranthene	22.68	252	1258	0.020	ng	#	1
90) Benzo(a)pyrene	23.19	252	1384	0.023	ng	#	1
91) Dibenzo(a,h)anthracene	25.53	278	2167	0.036	ng	#	53
92) Benzo(g,h,i)perylene	26.18	276	1692	0.027	ng	#	83

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

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