Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002728.D
Acq On : 13 Jul 2020 10:33
Operator : CG/JU
Sample : PB129957BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129957BL

Quant Time: Jul 13 11:08:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	169610	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	681899	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	435178	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	974544	20.00	ng	0.00
76) Chrysene-d12	21.07	240	986847	20.00	ng	0.00
86) Perylene-d12	23.26	264	1015359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1279257	127.25	ng	0.00
7) Phenol-d6	6.75	99	1695295	118.16	ng	0.00
23) Nitrobenzene-d5	8.70	82	1141919	89.56	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	606473	133.51	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	2515492	89.42	ng	0.00
79) Terphenyl-d14	19.56	244	3808269	88.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	40	0.009	ng	# 1
3) Pyridine	3.53	79	199	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.44	42	92	0.019	ng	# 1
6) Aniline	6.88	93	58	0.003	ng	# 1
8) 2-Chlorophenol	7.31	128	71	0.006	ng	88
9) Benzaldehyde	6.76	77	2969	0.381	ng	# 8
10) Phenol	6.76	94	505	0.034	ng	# 1
11) bis(2-Chloroethyl)ether	6.96	93	145	0.012	ng	95
12) 1,3-Dichlorobenzene	7.43	146	34	0.003	ng	# 86
13) 1,4-Dichlorobenzene	7.36	146	23	0.002	ng	94
14) 1,2-Dichlorobenzene	7.92	146	37	0.003	ng	# 52
15) Benzyl Alcohol	7.87	79	19199	2.000	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	8.08	45	93	0.005	ng	# 1
17) 2-Methylphenol	8.02	107	52	0.005	ng	# 1
18) Hexachloroethane	8.61	117	43	0.009	ng	# 16
19) n-Nitroso-di-n-propylamine	8.36	70	43	0.005	ng	# 1
20) 3+4-Methylphenols	8.33	107	51	0.004	ng	# 1
22) Acetophenone	8.35	105	81	0.005	ng	# 1
24) Nitrobenzene	8.70	77	3385	0.245	ng	# 40
25) Isophorone	9.25	82	345	0.013	ng	# 68
26) 2-Nitrophenol	9.45	139	29	0.005	ng	# 1
27) 2,4-Dimethylphenol	9.43	122	32	0.003	ng	86
28) bis(2-Chloroethoxy)methane	9.93	93	51	0.003	ng	91
29) 2,4-Dichlorophenol	10.22	162	23	0.002	ng	88
30) 1,2,4-Trichlorobenzene	10.19	180	7	0.001	ng	# 84
31) Naphthalene	10.39	128	121	0.003	ng	# 86
33) 4-Chloroaniline	10.47	127	18	0.001	ng	# 27
34) Hexachlorobutadiene	10.48	225	8	0.001	ng	85
35) Caprolactam	11.23	113	11	0.003	ng	# 1
36) 4-Chloro-3-methylphenol	11.62	107	68	0.006	ng	# 61
37) 2-Methylnaphthalene	12.05	142	18	0.001	ng	88
38) 1-Methylnaphthalene	12.20	142	25	0.001	ng	# 76
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	6	0.000	ng	# 1
43) 2,4,6-Trichlorophenol	12.62	196	6	0.001	ng	# 13

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.72	196	15	0.002	ng	#	75
46) 1,1'-Biphenyl	13.03	154	6211	0.191	ng		92
47) 2-Chloronaphthalene	13.07	162	34	0.001	ng	#	70
48) 2-Nitroaniline	13.27	65	86	0.011	ng	#	37
49) Acenaphthylene	13.92	152	60	0.001	ng	#	68
50) Dimethylphthalate	13.69	163	18	0.001	ng	#	41
51) 2,6-Dinitrotoluene	13.79	165	42	0.006	ng	#	1
52) Acenaphthene	14.20	154	1407	0.057	ng	#	8
53) 3-Nitroaniline	14.12	138	16	0.002	ng	#	50
55) Dibenzofuran	14.70	168	26	0.001	ng		91
57) 2,4-Dinitrotoluene	14.61	165	64	0.007	ng	#	59
58) Fluorene	15.25	166	40	0.001	ng	#	9
59) 2,3,4,6-Tetrachlorophenol	14.84	232	16	0.002	ng	#	1
60) Diethylphthalate	15.05	149	11	0.000	ng	#	47
61) 4-Chlorophenyl-phenylether	15.26	204	21	0.001	ng	#	10
62) 4-Nitroaniline	15.27	138	14	1.409	ng	#	1
63) Azobenzene	15.61	77	185	0.006	ng	#	1
66) n-Nitrosodiphenylamine	15.70	169	19441	0.675	ng	#	45
67) 4-Bromophenyl-phenylether	16.16	248	32	0.003	ng	#	1
68) Hexachlorobenzene	16.30	284	31	0.003	ng	#	1
69) Atrazine	16.65	200	14	0.002	ng		87
71) Phenanthrene	17.02	178	27	0.001	ng	#	36
72) Anthracene	17.08	178	23	0.000	ng	#	1
73) Carbazole	17.39	167	43	0.001	ng	#	59
74) Di-n-butylphthalate	17.97	149	316	0.006	ng	#	72
75) Fluoranthene	18.96	202	23	0.000	ng		86
77) Benzidine	19.17	184	14	0.001	ng	#	1
78) Pyrene	19.55	202	13286	0.195	ng	#	69
80) Butylbenzylphthalate	20.47	149	37	0.001	ng		91
81) Benzo(a)anthracene	21.07	228	3145	0.049	ng	#	68
82) 3,3'-Dichlorobenzidine	21.02	252	68	0.003	ng	#	94
83) Chrysene	21.07	228	3145	0.052	ng	#	65
84) Bis(2-ethylhexyl)phthalate	21.02	149	698	0.019	ng	#	85
85) Di-n-octyl phthalate	21.89	149	313	0.005	ng	#	67
87) Indeno(1,2,3-cd)pyrene	25.50	276	65	0.001	ng	#	47
88) Benzo(b)fluoranthene	22.62	252	122	0.002	ng	#	1
89) Benzo(k)fluoranthene	22.67	252	93	0.001	ng	#	1
90) Benzo(a)pyrene	23.17	252	212	0.004	ng	#	1
91) Dibenzo(a,h)anthracene	25.47	278	32	0.001	ng	#	1
92) Benzo(g,h,i)perylene	26.16	276	73	0.001	ng	#	1

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

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