Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002586.D
Acq On : 01 Jul 2020 03:36
Operator : CG/JU
Sample : L2819-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-03-062620

Quant Time: Jul 01 04:15:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3956	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	34	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	15	20.00	ng		-0.02
64) Phenanthrene-d10	16.95	188	16	20.00	ng		-0.04
76) Chrysene-d12	21.06	240	96	20.00	ng		-0.04
86) Perylene-d12	23.25	264	84	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1197310	5124.32	ng		0.00
7) Phenol-d6	6.77	99	1439772	4414.87	ng		0.00
23) Nitrobenzene-d5	8.72	82	1237887	1875955.48	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	771932	4231103.76	ng		0.00
45) 2-Fluorobiphenyl	12.84	172	2628317	2578962.46	ng		0.00
79) Terphenyl-d14	19.57	244	4054846	911700.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	288	2.876	ng	#	1
4) n-Nitrosodimethylamine	3.45	42	845	6.707	ng	#	1
10) Phenol	6.79	94	5580	16.967	ng	#	36
15) Benzyl Alcohol	7.89	79	20285	82.780	ng	#	49
22) Acetophenone	8.39	105	2106	2447.217	ng	#	91
24) Nitrobenzene	8.72	77	4369	6255.244	ng	#	38
25) Isophorone	9.29	82	116	87.709	ng	#	75
26) 2-Nitrophenol	9.46	139	41	128.711	ng	#	13
27) 2,4-Dimethylphenol	9.55	122	36	74.583	ng	#	52
28) bis(2-Chloroethoxy)methane	9.76	93	108	142.158	ng	#	1
29) 2,4-Dichlorophenol	10.00	162	18	32.358	ng	#	1
30) 1,2,4-Trichlorobenzene	10.22	180	24	38.322	ng	#	53
31) Naphthalene	10.40	128	2746	1525.661	ng		99
32) Benzoic acid	9.71	122	4	17.338	ng	#	1
33) 4-Chloroaniline	10.51	127	41	52.077	ng	#	1
34) Hexachlorobutadiene	10.71	225	17	44.348	ng		92
35) Caprolactam	11.30	113	663	3545.554	ng	#	72
36) 4-Chloro-3-methylphenol	11.69	107	41	67.246	ng	#	65
37) 2-Methylnaphthalene	12.02	142	2058	1568.181	ng		94
38) 1-Methylnaphthalene	12.23	142	2128	1721.718	ng		89
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	9	19.215	ng	#	1
41) Hexachlorocyclopentadiene	12.39	237	16	66.237	ng		88
43) 2,4,6-Trichlorophenol	12.41	196	20	63.108	ng		90
44) 2,4,5-Trichlorophenol	12.70	196	24	65.785	ng	#	1
46) 1,1'-Biphenyl	13.05	154	7259	6397.598	ng		96
47) 2-Chloronaphthalene	13.08	162	16	17.323	ng	#	38
48) 2-Nitroaniline	13.25	65	102	346.167	ng	#	23
49) Acenaphthylene	13.94	152	264	181.618	ng	#	65
50) Dimethylphthalate	13.69	163	477252	405093.149	ng		99
51) 2,6-Dinitrotoluene	13.77	165	275	1080.789	ng	#	50
52) Acenaphthene	14.29	154	1386	1616.096	ng		90
53) 3-Nitroaniline	14.13	138	37	133.550	ng	#	39
54) 2,4-Dinitrophenol	14.55	184	12	75.982	ng		96
55) Dibenzofuran	14.63	168	738	531.000	ng	#	83

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
56) 4-Nitrophenol	14.43	139	48	215.225 ng	#	81
57) 2,4-Dinitrotoluene	14.57	165	19	55.510 ng	#	46
58) Fluorene	15.28	166	1290	1218.715 ng	#	93
59) 2,3,4,6-Tetrachlorophenol	14.85	232	13	44.111 ng	#	1
60) Diethylphthalate	15.07	149	3415	2915.042 ng		96
61) 4-Chlorophenyl-phenylether	15.28	204	21	36.995 ng	#	76
62) 4-Nitroaniline	15.31	138	19	68.615 ng	#	36
63) Azobenzene	15.50	77	219	193.333 ng	#	45
65) 4,6-Dinitro-2-methylphenol	15.33	198	7	66.846 ng	#	1
66) n-Nitrosodiphenylamine	15.72	169	24632	52736.404 ng	#	50
67) 4-Bromophenyl-phenylether	16.15	248	15	83.426 ng	#	17
68) Hexachlorobenzene	16.27	284	46	238.811 ng	#	36
69) Atrazine	16.42	200	16	106.757 ng	#	50
70) Pentachlorophenol	16.60	266	22	195.864 ng		88
71) Phenanthrene	17.02	178	3507	4073.807 ng		93
72) Anthracene	17.12	178	985	1149.825 ng	#	81
73) Carbazole	17.35	167	23	27.781 ng	#	1
74) Di-n-butylphthalate	17.97	149	31111	31908.092 ng		97
75) Fluoranthene	19.01	202	969	929.918 ng		78
77) Benzidine	19.17	184	37	12.723 ng	#	1
78) Pyrene	19.36	202	1259	192.672 ng	#	83
80) Butylbenzylphthalate	20.26	149	1579	553.504 ng	#	97
81) Benzo(a)anthracene	21.01	228	48	7.648 ng	#	1
82) 3,3'-Dichlorobenzidine	20.97	252	50	21.760 ng	#	43
83) Chrysene	21.07	228	395	65.633 ng	#	82
84) Bis(2-ethylhexyl)phthalate	21.02	149	7360	1796.701 ng	#	95
85) Di-n-octyl phthalate	21.84	149	256	35.382 ng	#	41
87) Indeno(1,2,3-cd)pyrene	25.50	276	183	30.257 ng	#	63
88) Benzo(b)fluoranthene	22.61	252	100	18.657 ng	#	1
89) Benzo(k)fluoranthene	22.63	252	210	41.997 ng	#	1
90) Benzo(a)pyrene	23.17	252	93	18.908 ng	#	1
91) Dibenzo(a,h)anthracene	25.46	278	42	8.498 ng	#	1
92) Benzo(g,h,i)perylene	26.16	276	123	24.885 ng	#	1

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

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