Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045958.D
Acq On : 7 Jul 2020 13:19
Operator : CG/JU
Sample : SP5185
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP5185

Quant Time: Jul 07 14:18:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	119078	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	477736	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	280131	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	592063	20.00	ng		0.00
76) Chrysene-d12	21.63	240	620218	20.00	ng		0.00
86) Perylene-d12	24.79	264	619765	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	651710	88.75	ng		0.00
7) Phenol-d6	7.16	99	870732	82.36	ng		0.00
23) Nitrobenzene-d5	9.16	82	395856	47.69	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	203497	78.27	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	862296	48.01	ng		0.00
79) Terphenyl-d14	19.99	244	1179711	42.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	58	0.017	ng	#	1
3) Pyridine	3.92	79	533	0.052	ng	#	39
4) n-Nitrosodimethylamine	3.82	42	550	0.159	ng	#	1
6) Aniline	7.32	93	54	0.004	ng	#	1
8) 2-Chlorophenol	7.52	128	59	0.007	ng	#	33
9) Benzaldehyde	7.15	77	2177	0.325	ng	#	6
10) Phenol	7.18	94	184	0.017	ng	#	1
11) bis(2-Chloroethyl)ether	7.43	93	269	0.031	ng	#	19
12) 1,3-Dichlorobenzene	7.65	146	68	0.007	ng	#	25
13) 1,4-Dichlorobenzene	7.65	146	68	0.008	ng	#	21
14) 1,2-Dichlorobenzene	8.72	146	64	0.007	ng	#	1
15) Benzyl Alcohol	8.21	79	174	0.021	ng	#	14
16) 2,2'-oxybis(1-Chloropropan	8.33	45	54	0.005	ng		63
17) 2-Methylphenol	8.38	107	206	0.026	ng	#	25
18) Hexachloroethane	9.10	117	209	0.061	ng	#	1
20) 3+4-Methylphenols	8.74	107	55	0.005	ng	#	2
22) Acetophenone	8.86	105	226	0.018	ng	#	24
24) Nitrobenzene	9.21	77	74	0.008	ng	#	1
25) Isophorone	9.73	82	250	0.012	ng	#	67
26) 2-Nitrophenol	9.99	139	79	0.026	ng	#	32
27) 2,4-Dimethylphenol	9.93	122	64	0.009	ng	#	2
28) bis(2-Chloroethoxy)methane	10.24	93	57	0.005	ng	#	48
29) 2,4-Dichlorophenol	10.58	162	63	0.008	ng	#	1
30) 1,2,4-Trichlorobenzene	10.64	180	61	0.007	ng	#	12
31) Naphthalene	10.83	128	56	0.002	ng	#	67
33) 4-Chloroaniline	11.13	127	58	0.005	ng	#	45
34) Hexachlorobutadiene	11.33	225	53	0.011	ng	#	18
35) Caprolactam	11.62	113	80	0.028	ng		90
36) 4-Chloro-3-methylphenol	12.06	107	58	0.007	ng	#	21
37) 2-Methylnaphthalene	12.72	142	74	0.004	ng	#	5
38) 1-Methylnaphthalene	12.72	142	74	0.004	ng	#	6
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	66	0.008	ng	#	11
41) Hexachlorocyclopentadiene	12.44	237	56	0.012	ng	#	28
43) 2,4,6-Trichlorophenol	12.94	196	118	0.022	ng	#	12

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.94	196	118	0.020	ng	#	1
46) 1,1'-Biphenyl	13.47	154	1524	0.072	ng		95
47) 2-Chloronaphthalene	13.16	162	62	0.004	ng	#	37
49) Acenaphthylene	14.37	152	56	0.002	ng	#	58
52) Acenaphthene	14.62	154	1167	0.069	ng	#	4
56) 4-Nitrophenol	14.89	139	62	0.018	ng	#	3
58) Fluorene	16.11	166	9702	0.477	ng	#	77
59) 2,3,4,6-Tetrachlorophenol	15.37	232	103	0.022	ng	#	40
60) Diethylphthalate	15.45	149	60	0.003	ng	#	57
61) 4-Chlorophenyl-phenylether	15.87	204	62	0.006	ng	#	27
62) 4-Nitroaniline	15.85	138	78	0.018	ng	#	12
63) Azobenzene	15.96	77	143	0.006	ng	#	52
66) n-Nitrosodiphenylamine	16.11	169	8690	0.474	ng	#	51
68) Hexachlorobenzene	16.71	284	123	0.019	ng	#	38
70) Pentachlorophenol	16.93	266	61	0.017	ng	#	18
71) Phenanthrene	17.40	178	59	0.002	ng	#	57
72) Anthracene	17.49	178	60	0.002	ng	#	57
73) Carbazole	17.76	167	325	0.010	ng	#	55
74) Di-n-butylphthalate	18.33	149	287	0.007	ng	#	1
75) Fluoranthene	19.41	202	279	0.008	ng	#	60
77) Benzidine	19.60	184	1157	0.065	ng	#	68
78) Pyrene	19.78	202	295	0.007	ng	#	53
80) Butylbenzylphthalate	20.70	149	350	0.017	ng	#	19
81) Benzo(a)anthracene	21.62	228	3034	0.074	ng	#	79
82) 3,3'-Dichlorobenzidine	21.53	252	944	0.063	ng	#	92
83) Chrysene	21.68	228	794	0.020	ng	#	73
84) Bis(2-ethylhexyl)phthalate	21.56	149	1359	0.047	ng	#	50
85) Di-n-octyl phthalate	22.75	149	4901	0.097	ng	#	72
87) Indeno(1,2,3-cd)pyrene	28.38	276	1553	0.034	ng	#	84
88) Benzo(b)fluoranthene	23.79	252	2903	0.074	ng	#	80
89) Benzo(k)fluoranthene	23.85	252	2934	0.079	ng	#	93
90) Benzo(a)pyrene	24.63	252	3168	0.086	ng	#	79
91) Dibenzo(a,h)anthracene	28.42	278	2557	0.070	ng	#	65
92) Benzo(g,h,i)perylene	29.45	276	1717	0.047	ng	#	52

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

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