Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044979.D
Acq On : 15 Apr 2020 13:01
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Quant Time: Apr 15 17:49:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 14:56:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	68131	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	283551	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	211390	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	522728	20.00	ng		0.00
76) Chrysene-d12	21.67	240	529372	20.00	ng		0.00
87) Perylene-d12	24.86	264	573929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	101539	23.20	ng		0.00
7) Phenol-d6	7.18	99	146356	23.02	ng		0.00
23) Nitrobenzene-d5	9.18	82	149399	23.12	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	73185	26.44	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	368104	24.94	ng		0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	21827	10.356	ng		99
3) Pyridine	3.89	79	64742	10.377	ng		98
4) n-Nitrosodimethylamine	3.80	42	20562	8.686	ng	#	88
6) Aniline	7.34	93	94076	11.889	ng		99
8) 2-Chlorophenol	7.59	128	53979	12.355	ng		95
9) Benzaldehyde	7.15	77	50825	13.697	ng		96
10) Phenol	7.21	94	72421	11.504	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	58633	11.670	ng		98
12) 1,3-Dichlorobenzene	7.92	146	64844	12.048	ng		98
13) 1,4-Dichlorobenzene	8.06	146	64419	12.107	ng		96
14) 1,2-Dichlorobenzene	8.38	146	60089	11.908	ng		96
15) Benzyl Alcohol	8.25	79	59562	11.674	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	58000	6.541	ng		96
17) 2-Methylphenol	8.46	107	56067	13.147	ng		94
18) Hexachloroethane	9.11	117	23478	11.208	ng		86
19) n-Nitroso-di-n-propylamine	8.83	70	50503	11.248	ng		96
20) 3+4-Methylphenols	8.79	107	75680	12.874	ng		94
22) Acetophenone	8.84	105	92720	11.542	ng		94
24) Nitrobenzene	9.22	77	73415	10.950	ng		97
25) Isophorone	9.74	82	148651	11.787	ng		98
26) 2-Nitrophenol	9.93	139	28057	12.833	ng		96
27) 2,4-Dimethylphenol	10.00	122	49552	12.065	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	76777	10.201	ng		99
29) 2,4-Dichlorophenol	10.47	162	57510	11.989	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	65978	11.503	ng		98
31) Naphthalene	10.88	128	186183	11.853	ng		98
32) Benzoic acid	10.09	122	23806	8.360	ng	#	81
33) 4-Chloroaniline	10.98	127	85371	12.064	ng		94
34) Hexachlorobutadiene	11.18	225	45943	12.180	ng		94
35) Caprolactam	11.72	113	24675	13.586	ng		95
36) 4-Chloro-3-methylphenol	12.11	107	68558	11.983	ng		97
37) 2-Methylnaphthalene	12.49	142	145779	12.407	ng		96
38) 1-Methylnaphthalene	12.70	142	136151	12.326	ng		90
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	79874	11.473	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	42851	11.263 ng		96
43) 2,4,6-Trichlorophenol	13.09	196	53596	11.600 ng		94
44) 2,4,5-Trichlorophenol	13.16	196	61274	12.788 ng	#	94
46) 1,1'-Biphenyl	13.49	154	193539	11.457 ng		98
47) 2-Chloronaphthalene	13.53	162	148778	11.529 ng		96
48) 2-Nitroaniline	13.73	65	45137	9.991 ng		97
49) Acenaphthylene	14.38	152	245435	12.140 ng		98
50) Dimethylphthalate	14.11	163	217777	12.935 ng	#	99
51) 2,6-Dinitrotoluene	14.22	165	43454	12.804 ng		98
52) Acenaphthene	14.72	154	157854	11.922 ng		95
53) 3-Nitroaniline	14.55	138	48991	12.556 ng		93
54) 2,4-Dinitrophenol	14.75	184	20977	13.898 ng		96
55) Dibenzofuran	15.05	168	245062	12.764 ng		99
56) 4-Nitrophenol	14.85	139	36812	12.363 ng		92
57) 2,4-Dinitrotoluene	15.01	165	65043	13.975 ng	#	98
58) Fluorene	15.71	166	202233	12.804 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	55766	12.642 ng		98
60) Diethylphthalate	15.47	149	230080	13.102 ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	112493	13.227 ng		97
62) 4-Nitroaniline	15.71	138	54220	13.032 ng		96
63) Azobenzene	15.99	77	206088	11.302 ng		95
65) 4,6-Dinitro-2-methylphenol	15.77	198	34208	15.112 ng		95
66) n-Nitrosodiphenylamine	15.91	169	174879	11.112 ng		100
67) 4-Bromophenyl-phenylether	16.59	248	77118	11.801 ng		95
68) Hexachlorobenzene	16.72	284	80602	11.369 ng		98
69) Atrazine	16.86	200	75759	13.139 ng		97
70) Pentachlorophenol	17.06	266	45671	11.708 ng		93
71) Phenanthrene	17.45	178	337505	12.082 ng		94
72) Anthracene	17.53	178	341959	12.415 ng		95
73) Carbazole	17.80	167	344060	13.004 ng		95
74) Di-n-butylphthalate	18.37	149	410222	12.755 ng		98
75) Fluoranthene	19.45	202	440248	13.237 ng		95
77) Benzidine	19.62	184	217280	12.643 ng		99
78) Pyrene	19.81	202	447406	11.520 ng		96
80) Butylbenzylphthalate	20.71	149	178806	10.349 ng		94
81) Benzo(a)anthracene	21.65	228	423954	11.122 ng		96
82) 3,3'-Dichlorobenzidine	21.56	252	167938	11.388 ng		98
83) Chrysene	21.71	228	417015	11.453 ng		94
84) Bis(2-ethylhexyl)phthalate	21.57	149	258938	10.859 ng		97
85) Di-n-octyl phthalate	22.78	149	440826	11.047 ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	502144	10.519 ng		100
88) Benzo(b)fluoranthene	23.85	252	423776	11.185 ng		99
89) Benzo(k)fluoranthene	23.91	252	423274	11.805 ng		96
90) Benzo(a)pyrene	24.70	252	408744	11.529 ng	#	96
91) Dibenzo(a,h)anthracene	28.54	278	414050	11.838 ng		99
92) Benzo(g,h,i)perylene	29.59	276	398925	11.289 ng		98

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

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