Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045310.D
Acq On : 12 May 2020 1:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/13/2020 8:15:19 AM

Quant Time: May 12 02:15:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	77927	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	300163	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	212523	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	511011	20.00	ng	0.00
76) Chrysene-d12	21.63	240	494089	20.00	ng	0.00
87) Perylene-d12	24.80	264	551308	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	380478	80.61	ng	0.00
7) Phenol-d6	7.14	99	555430	79.20	ng	0.00
23) Nitrobenzene-d5	9.13	82	530751	80.68	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	255222	77.74	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1147413	79.17	ng	0.00
79) Terphenyl-d14	19.98	244	1864992	82.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	90706	43.24	ng	97
3) Pyridine	3.83	79	252589	39.11	ng	99
4) n-Nitrosodimethylamine	3.74	42	83860	42.38	ng	91
6) Aniline	7.30	93	345623	37.90	ng	99
8) 2-Chlorophenol	7.54	128	200676	39.56	ng	98
9) Benzaldehyde	7.11	77	153729	38.46	ng	98
10) Phenol	7.17	94	269965	38.47	ng	98
11) bis(2-Chloroethyl)ether	7.39	93	206349	36.93	ng	97
12) 1,3-Dichlorobenzene	7.87	146	232603	38.91	ng	96
13) 1,4-Dichlorobenzene	8.01	146	240534	40.38	ng	98
14) 1,2-Dichlorobenzene	8.34	146	226531	39.75	ng	97
15) Benzyl Alcohol	8.21	79	214520	36.48	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.51	45	190421	34.72	ng	95
17) 2-Methylphenol	8.42	107	206029	38.05	ng	95
18) Hexachloroethane	9.06	117	90353	40.35	ng	91
19) n-Nitroso-di-n-propylamine	8.78	70	177968	35.88	ng	98
20) 3+4-Methylphenols	8.75	107	274388	36.20	ng	98
22) Acetophenone	8.80	105	314353	38.73	ng	99
24) Nitrobenzene	9.18	77	273467	40.56	ng	97
25) Isophorone	9.70	82	503003	37.34	ng	99
26) 2-Nitrophenol	9.89	139	117507	40.46	ng	96
27) 2,4-Dimethylphenol	9.96	122	176558	38.31	ng	95
28) bis(2-Chloroethoxy)methane	10.19	93	264819	37.41	ng	98
29) 2,4-Dichlorophenol	10.43	162	210328	39.52	ng	98
30) 1,2,4-Trichlorobenzene	10.65	180	243687	40.44	ng	97
31) Naphthalene	10.83	128	642985	39.16	ng	99
32) Benzoic acid	10.11	122	112569	32.59	ng	94
33) 4-Chloroaniline	10.94	127	282868	36.94	ng	99
34) Hexachlorobutadiene	11.13	225	171474	41.51	ng	96
35) Caprolactam	11.71	113	72839	34.39	ng	87
36) 4-Chloro-3-methylphenol	12.07	107	233599	37.37	ng	98
37) 2-Methylnaphthalene	12.44	142	476653	37.40	ng	95
38) 1-Methylnaphthalene	12.66	142	449670	37.37	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	271833	39.73	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	158150	36.98	ng	96
43) 2,4,6-Trichlorophenol	13.05	196	183597	38.02	ng	94
44) 2,4,5-Trichlorophenol	13.13	196	216244	39.34	ng	97
46) 1,1'-Biphenyl	13.45	154	617626	38.24	ng	99
47) 2-Chloronaphthalene	13.49	162	479787	38.87	ng	98
48) 2-Nitroaniline	13.69	65	158780	39.10	ng	100
49) Acenaphthylene	14.34	152	785312	39.06	ng	99
50) Dimethylphthalate	14.07	163	662029	38.26	ng	99
51) 2,6-Dinitrotoluene	14.19	165	152935	39.51	ng	99
52) Acenaphthene	14.69	154	525351m	38.62	ng	
53) 3-Nitroaniline	14.52	138	158313	37.29	ng	98
54) 2,4-Dinitrophenol	14.73	184	90962	39.52	ng	95
55) Dibenzofuran	15.02	168	765551	38.60	ng	98
56) 4-Nitrophenol	14.83	139	119852	36.41	ng	96
57) 2,4-Dinitrotoluene	14.98	165	219411	38.79	ng	97
58) Fluorene	15.67	166	635172	39.21	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	190893	39.03	ng	98
60) Diethylphthalate	15.44	149	677602	37.56	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	357969	38.39	ng	98
62) 4-Nitroaniline	15.68	138	163594	37.16	ng	95
63) Azobenzene	15.95	77	631386	37.96	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	139865	41.64	ng	99
66) n-Nitrosodiphenylamine	15.87	169	559304	38.09	ng	99
67) 4-Bromophenyl-phenylether	16.55	248	253267	38.42	ng	98
68) Hexachlorobenzene	16.68	284	265191	38.79	ng	96
69) Atrazine	16.82	200	187314	33.79	ng	97
70) Pentachlorophenol	17.02	266	148363	35.37	ng	98
71) Phenanthrene	17.41	178	1021672	38.91	ng	100
72) Anthracene	17.50	178	1019704	38.71	ng	99
73) Carbazole	17.77	167	999399	37.39	ng	98
74) Di-n-butylphthalate	18.33	149	1163631	39.21	ng	99
75) Fluoranthene	19.42	202	1290319	41.30	ng	99
77) Benzidine	19.60	184	564014	38.56	ng	98
78) Pyrene	19.78	202	1290850	37.90	ng	98
80) Butylbenzylphthalate	20.67	149	556292	39.40	ng	99
81) Benzo(a)anthracene	21.61	228	1265478	39.52	ng	99
82) 3,3'-Dichlorobenzidine	21.53	252	509461	39.97	ng	97
83) Chrysene	21.68	228	1220525	39.67	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	765208	39.41	ng	98
85) Di-n-octyl phthalate	22.72	149	1337115	39.82	ng	99
86) Indeno(1,2,3-cd)pyrene	28.40	276	1625709	39.80	ng	99
88) Benzo(b)fluoranthene	23.80	252	1345781	38.97	ng	100
89) Benzo(k)fluoranthene	23.87	252	1326776	40.40	ng	98
90) Benzo(a)pyrene	24.65	252	1294499	39.70	ng	98
91) Dibenzo(a,h)anthracene	28.46	278	1308507	39.83	ng	97
92) Benzo(g,h,i)perylene	29.52	276	1291721	39.22	ng	98

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

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