Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
Data File : BG045685.D
Acq On : 10 Jun 2020 9:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/10/2020 11:50:28 AM

Quant Time: Jun 10 09:44:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	64526	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	261434	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	189074	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	438923	20.00	ng		0.00
76) Chrysene-d12	21.60	240	407790	20.00	ng		0.00
87) Perylene-d12	24.74	264	452937	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	300787	91.10	ng		0.00
7) Phenol-d6	7.14	99	432372	92.01	ng		0.00
23) Nitrobenzene-d5	9.11	82	431437	89.99	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	201115	83.17	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	972238	87.22	ng		0.00
79) Terphenyl-d14	19.96	244	1534844	87.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	70662	43.16	ng		95
3) Pyridine	3.80	79	201203	44.12	ng		97
4) n-Nitrosodimethylamine	3.72	42	71901	48.19	ng		87
6) Aniline	7.27	93	273909	44.65	ng		99
8) 2-Chlorophenol	7.52	128	162708	44.94	ng		99
9) Benzaldehyde	7.08	77	126069	41.18	ng		94
10) Phenol	7.16	94	223188	46.08	ng		95
11) bis(2-Chloroethyl)ether	7.37	93	164257	43.48	ng		98
12) 1,3-Dichlorobenzene	7.84	146	192270	44.19	ng		99
13) 1,4-Dichlorobenzene	7.98	146	192639	44.86	ng		97
14) 1,2-Dichlorobenzene	8.30	146	182973	44.30	ng		97
15) Benzyl Alcohol	8.19	79	183569	47.29	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	158663	44.24	ng		99
17) 2-Methylphenol	8.41	107	164827	45.47	ng		98
18) Hexachloroethane	9.03	117	73192	44.50	ng		99
19) n-Nitroso-di-n-propylamine	8.75	70	146831	45.18	ng		95
20) 3+4-Methylphenols	8.74	107	226656	45.91	ng		94
22) Acetophenone	8.77	105	272878	44.04	ng	#	99
24) Nitrobenzene	9.15	77	230867	44.95	ng		96
25) Isophorone	9.68	82	417142	44.18	ng		97
26) 2-Nitrophenol	9.86	139	100489	45.73	ng		93
27) 2,4-Dimethylphenol	9.94	122	145676	44.70	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	215770	43.58	ng		97
29) 2,4-Dichlorophenol	10.42	162	176184	45.78	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	203878	44.83	ng		98
31) Naphthalene	10.80	128	531862	43.66	ng		99
32) Benzoic acid	10.12	122	66899	33.90	ng		97
33) 4-Chloroaniline	10.92	127	228651	44.90	ng		97
34) Hexachlorobutadiene	11.09	225	146941	45.71	ng		95
35) Caprolactam	11.70	113	57693	40.84	ng		91
36) 4-Chloro-3-methylphenol	12.06	107	198794	45.84	ng		98
37) 2-Methylnaphthalene	12.41	142	406249	44.74	ng		98
38) 1-Methylnaphthalene	12.63	142	383427m	44.70	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	229272	43.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	99248	32.56	ng		95
43) 2,4,6-Trichlorophenol	13.03	196	156935	42.78	ng		99
44) 2,4,5-Trichlorophenol	13.11	196	175593	41.89	ng		98
46) 1,1'-Biphenyl	13.42	154	500424	43.07	ng		100
47) 2-Chloronaphthalene	13.47	162	406738	43.11	ng		99
48) 2-Nitroaniline	13.67	65	137302	44.24	ng		93
49) Acenaphthylene	14.31	152	654210	43.17	ng		97
50) Dimethylphthalate	14.05	163	544941	42.01	ng		99
51) 2,6-Dinitrotoluene	14.16	165	121688	41.58	ng		93
52) Acenaphthene	14.66	154	424148m	41.82	ng		
53) 3-Nitroaniline	14.50	138	124424	41.82	ng		95
54) 2,4-Dinitrophenol	14.71	184	45828	27.73	ng		91
55) Dibenzofuran	14.99	168	639565	42.46	ng		98
56) 4-Nitrophenol	14.85	139	73954	32.83	ng		89
57) 2,4-Dinitrotoluene	14.96	165	175524	41.41	ng		97
58) Fluorene	15.64	166	529407	42.78	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	148278	40.20	ng		97
60) Diethylphthalate	15.41	149	566188	41.94	ng		98
61) 4-Chlorophenyl-phenylether	15.63	204	310637	43.87	ng		98
62) 4-Nitroaniline	15.67	138	124444	40.07	ng		89
63) Azobenzene	15.93	77	543895	43.21	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	94642	37.02	ng		90
66) n-Nitrosodiphenylamine	15.85	169	464253	44.05	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	213378	44.90	ng		99
68) Hexachlorobenzene	16.66	284	222755	44.81	ng		99
69) Atrazine	16.80	200	168290	38.77	ng		99
70) Pentachlorophenol	17.00	266	78683	30.48	ng		99
71) Phenanthrene	17.38	178	835104	43.58	ng		99
72) Anthracene	17.47	178	847539	44.05	ng		99
73) Carbazole	17.75	167	793807	42.32	ng		99
74) Di-n-butylphthalate	18.31	149	941920	41.84	ng		99
75) Fluoranthene	19.39	202	1018798	41.80	ng		99
77) Benzidine	19.57	184	383776	33.51	ng		99
78) Pyrene	19.76	202	1015021	43.66	ng		99
80) Butylbenzylphthalate	20.64	149	427240	42.58	ng		99
81) Benzo(a)anthracene	21.58	228	997624	43.92	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	369777	41.50	ng		99
83) Chrysene	21.65	228	957982	43.86	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	597803	43.34	ng		99
85) Di-n-octyl phthalate	22.68	149	1015259	42.86	ng		99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1243420	43.53	ng	#	96
88) Benzo(b)fluoranthene	23.75	252	1062598	43.74	ng		99
89) Benzo(k)fluoranthene	23.82	252	1017900	44.60	ng		99
90) Benzo(a)pyrene	24.60	252	1006156	44.47	ng		99
91) Dibenzo(a,h)anthracene	28.37	278	1009247	44.39	ng		98
92) Benzo(g,h,i)perylene	29.43	276	982824	43.23	ng		98

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

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