Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
Data File : BG045672.D
Acq On : 9 Jun 2020 23:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/10/2020 11:50:17 AM

Quant Time: Jun 09 23:52:59 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	7.95	152	60880	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	243673	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	170979	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	405195	20.00	ng		0.00
76) Chrysene-d12	21.60	240	374221	20.00	ng		0.00
87) Perylene-d12	24.74	264	400274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	282763	90.77	ng		0.00
7) Phenol-d6	7.14	99	407491	91.90	ng		0.00
23) Nitrobenzene-d5	9.11	82	400737	89.68	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	189475	86.65	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	909997	90.28	ng		0.00
79) Terphenyl-d14	19.96	244	1456376	90.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	64308	41.63	ng		97
3) Pyridine	3.81	79	185120	43.03	ng		95
4) n-Nitrosodimethylamine	3.73	42	67087	47.65	ng		83
6) Aniline	7.27	93	251364	43.43	ng		97
8) 2-Chlorophenol	7.52	128	152507	44.64	ng		97
9) Benzaldehyde	7.09	77	115773	40.08	ng		96
10) Phenol	7.17	94	204570	44.77	ng		94
11) bis(2-Chloroethyl)ether	7.37	93	157947	44.31	ng		98
12) 1,3-Dichlorobenzene	7.84	146	181235	44.15	ng		98
13) 1,4-Dichlorobenzene	7.98	146	178928	44.16	ng		100
14) 1,2-Dichlorobenzene	8.30	146	169957	43.62	ng		99
15) Benzyl Alcohol	8.20	79	167875	45.83	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	147500	43.60	ng		99
17) 2-Methylphenol	8.41	107	152685	44.64	ng		92
18) Hexachloroethane	9.04	117	69808	44.99	ng		92
19) n-Nitroso-di-n-propylamine	8.76	70	137269	44.77	ng		92
20) 3+4-Methylphenols	8.74	107	210211	45.13	ng		94
22) Acetophenone	8.78	105	252043	43.64	ng	#	98
24) Nitrobenzene	9.15	77	215119	44.93	ng		95
25) Isophorone	9.68	82	384552	43.70	ng		99
26) 2-Nitrophenol	9.86	139	90837	44.35	ng		99
27) 2,4-Dimethylphenol	9.94	122	139320	45.87	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	202133	43.80	ng		97
29) 2,4-Dichlorophenol	10.42	162	163861	45.68	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	191680	45.22	ng		97
31) Naphthalene	10.80	128	503907	44.38	ng		98
32) Benzoic acid	10.12	122	68677	36.32	ng		92
33) 4-Chloroaniline	10.92	127	210739	44.40	ng		97
34) Hexachlorobutadiene	11.10	225	136298	45.49	ng		99
35) Caprolactam	11.70	113	55656	42.27	ng		87
36) 4-Chloro-3-methylphenol	12.07	107	182375	45.12	ng		96
37) 2-Methylnaphthalene	12.41	142	380406	44.95	ng		98
38) 1-Methylnaphthalene	12.63	142	359759m	45.00	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	218103	45.67	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	99008	35.92	ng		96
43) 2,4,6-Trichlorophenol	13.04	196	148664	44.81	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	161684	42.65	ng		99
46) 1,1'-Biphenyl	13.42	154	465099	44.27	ng		98
47) 2-Chloronaphthalene	13.47	162	380628	44.62	ng		96
48) 2-Nitroaniline	13.67	65	122971	43.82	ng		92
49) Acenaphthylene	14.32	152	608725	44.42	ng		99
50) Dimethylphthalate	14.05	163	507054	43.23	ng		98
51) 2,6-Dinitrotoluene	14.17	165	113028	42.71	ng		95
52) Acenaphthene	14.66	154	366025	39.90	ng		97
53) 3-Nitroaniline	14.50	138	116757	43.40	ng		96
54) 2,4-Dinitrophenol	14.72	184	50533	32.62	ng		97
55) Dibenzofuran	14.99	168	599873	44.04	ng		97
56) 4-Nitrophenol	14.85	139	68067	33.42	ng		89
57) 2,4-Dinitrotoluene	14.96	165	166212	43.36	ng		98
58) Fluorene	15.64	166	499151	44.60	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	134755	40.40	ng		98
60) Diethylphthalate	15.42	149	527828	43.24	ng		100
61) 4-Chlorophenyl-phenylether	15.63	204	286970	44.81	ng		97
62) 4-Nitroaniline	15.67	138	117723	41.91	ng		97
63) Azobenzene	15.93	77	501039	44.02	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	92464	39.18	ng		95
66) n-Nitrosodiphenylamine	15.85	169	433863	44.60	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	200855	45.78	ng		97
68) Hexachlorobenzene	16.65	284	205235	44.72	ng		97
69) Atrazine	16.80	200	158602	39.58	ng		99
70) Pentachlorophenol	17.00	266	79167m	33.22	ng		
71) Phenanthrene	17.38	178	782638	44.24	ng		99
72) Anthracene	17.48	178	781057	43.97	ng		99
73) Carbazole	17.75	167	737079	42.57	ng		98
74) Di-n-butylphthalate	18.31	149	872266	41.97	ng		99
75) Fluoranthene	19.40	202	936434	41.62	ng		98
77) Benzidine	19.57	184	336967	32.06	ng		99
78) Pyrene	19.76	202	942455	44.18	ng		100
80) Butylbenzylphthalate	20.64	149	389640	42.32	ng		94
81) Benzo(a)anthracene	21.58	228	929442	44.58	ng		100
82) 3,3'-Dichlorobenzidine	21.50	252	345912	42.30	ng		99
83) Chrysene	21.65	228	882454	44.02	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	537953	42.50	ng		99
85) Di-n-octyl phthalate	22.68	149	913261	42.01	ng		100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1109982	42.35	ng	#	98
88) Benzo(b)fluoranthene	23.76	252	986368	45.95	ng		98
89) Benzo(k)fluoranthene	23.82	252	929209	46.07	ng	#	98
90) Benzo(a)pyrene	24.60	252	908602	45.45	ng		98
91) Dibenzo(a,h)anthracene	28.37	278	879439	43.77	ng		98
92) Benzo(g,h,i)perylene	29.43	276	834323	41.52	ng		98

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

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