Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
Data File : BG045766.D
Acq On : 15 Jun 2020 15:36
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:14 AM

Quant Time: Jun 15 16:21:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 14:56:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	51330	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	197886	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	139856	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	326715	20.00	ng		0.00
76) Chrysene-d12	21.58	240	303434	20.00	ng		0.00
86) Perylene-d12	24.70	264	345583	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	352171	134.08	ng		0.00
7) Phenol-d6	7.17	99	539040	144.19	ng		0.00
23) Nitrobenzene-d5	9.09	82	502024	138.34	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	246915	138.05	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1089198	132.10	ng		0.00
79) Terphenyl-d14	19.94	244	1717913	132.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	80506	61.811	ng		99
3) Pyridine	3.77	79	239090m	65.911	ng		
4) n-Nitrosodimethylamine	3.68	42	81600	68.745	ng	#	93
6) Aniline	7.25	93	318072	65.178	ng		97
8) 2-Chlorophenol	7.51	128	188722	65.521	ng		95
9) Benzaldehyde	7.05	77	149119	61.224	ng		98
10) Phenol	7.20	94	260267	67.552	ng		96
11) bis(2-Chloroethyl)ether	7.34	93	195595	65.085	ng		96
12) 1,3-Dichlorobenzene	7.81	146	223430	64.551	ng		96
13) 1,4-Dichlorobenzene	7.95	146	221507	64.847	ng		95
14) 1,2-Dichlorobenzene	8.27	146	211348	64.330	ng		97
15) Benzyl Alcohol	8.18	79	214602	69.491	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	184898	64.816	ng		99
17) 2-Methylphenol	8.42	107	194472	67.435	ng		96
18) Hexachloroethane	9.00	117	83190	63.588	ng		98
19) n-Nitroso-di-n-propylamine	8.73	70	175914	68.049	ng		98
20) 3+4-Methylphenols	8.76	107	251877	64.139	ng		92
22) Acetophenone	8.75	105	312708	66.674	ng		98
24) Nitrobenzene	9.13	77	265711	68.343	ng		98
25) Isophorone	9.65	82	480509	67.236	ng		99
26) 2-Nitrophenol	9.84	139	116058	69.781	ng		98
27) 2,4-Dimethylphenol	9.94	122	172155	69.790	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	251051	66.984	ng		100
29) 2,4-Dichlorophenol	10.41	162	202285	69.443	ng		97
30) 1,2,4-Trichlorobenzene	10.59	180	236611	68.741	ng		97
31) Naphthalene	10.77	128	623347	67.598	ng		98
32) Benzoic acid	10.17	122	115210	77.768	ng		93
33) 4-Chloroaniline	10.90	127	264270	68.560	ng		97
34) Hexachlorobutadiene	11.06	225	166837	68.570	ng		96
35) Caprolactam	11.68	113	68439	64.009	ng		93
36) 4-Chloro-3-methylphenol	12.08	107	228944	69.748	ng		98
37) 2-Methylnaphthalene	12.39	142	467017	67.949	ng		99
38) 1-Methylnaphthalene	12.61	142	439468	67.689	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	267608	68.505	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	140728	62.415	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	186145	68.596	ng		99
44) 2,4,5-Trichlorophenol	13.12	196	207677	66.972	ng		97
46) 1,1'-Biphenyl	13.40	154	580093	67.503	ng		99
47) 2-Chloronaphthalene	13.44	162	467980	67.063	ng		97
48) 2-Nitroaniline	13.66	65	155833	67.888	ng		98
49) Acenaphthylene	14.29	152	747167	66.659	ng		100
50) Dimethylphthalate	14.03	163	627011	65.354	ng		99
51) 2,6-Dinitrotoluene	14.15	165	141170	65.209	ng		97
52) Acenaphthene	14.63	154	457102	60.923	ng		98
53) 3-Nitroaniline	14.50	138	145239	65.996	ng		98
54) 2,4-Dinitrophenol	14.70	184	78511	62.451	ng		94
55) Dibenzofuran	14.97	168	738752	66.303	ng		97
56) 4-Nitrophenol	14.89	139	99846	59.926	ng		97
57) 2,4-Dinitrotoluene	14.94	165	207121	66.060	ng	#	97
58) Fluorene	15.62	166	613271	66.997	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	183629	67.309	ng		98
60) Diethylphthalate	15.39	149	640820	64.173	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	354206	67.621	ng		100
62) 4-Nitroaniline	15.67	138	152191m	66.243	ng		
63) Azobenzene	15.91	77	618001	66.372	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	126445	66.453	ng		99
66) n-Nitrosodiphenylamine	15.83	169	537279	68.492	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	254421	71.915	ng		97
68) Hexachlorobenzene	16.63	284	261470	70.663	ng		94
69) Atrazine	16.79	200	204264	63.220	ng		99
70) Pentachlorophenol	16.99	266	119969	62.441	ng		94
71) Phenanthrene	17.36	178	967096	67.805	ng		98
72) Anthracene	17.45	178	963201	67.247	ng		99
73) Carbazole	17.73	167	924780	66.237	ng		100
74) Di-n-butylphthalate	18.29	149	1089828	65.035	ng		99
75) Fluoranthene	19.37	202	1195939	65.923	ng		99
77) Benzidine	19.56	184	454641	53.349	ng		97
78) Pyrene	19.74	202	1189040	68.743	ng		99
80) Butylbenzylphthalate	20.62	149	496094	66.448	ng		96
81) Benzo(a)anthracene	21.56	228	1151524	68.124	ng		98
82) 3,3'-Dichlorobenzidine	21.48	252	447045	67.422	ng		97
83) Chrysene	21.62	228	1104119	67.932	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	694115	67.633	ng		97
85) Di-n-octyl phthalate	22.65	149	1209022	68.590	ng		100
87) Indeno(1,2,3-cd)pyrene	28.27	276	1459486	67.361	ng		99
88) Benzo(b)fluoranthene	23.72	252	1246378	67.248	ng		98
89) Benzo(k)fluoranthene	23.78	252	1205320	69.222	ng		97
90) Benzo(a)pyrene	24.56	252	1168938	67.720	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	1172929	67.620	ng		99
92) Benzo(g,h,i)perylene	29.37	276	1167950	67.325	ng		98

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

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