Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092018\
Data File : BG036845.D
Acq On : 20 Sep 2018 16:10
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Sohil
9/21/2018 10:48:55 AM

Quant Time: Sep 20 18:15:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 18:05:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36158	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	173892	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	118274	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	309197	20.00	ng		0.00
75) Chrysene-d12	21.68	240	320639	20.00	ng		0.00
86) Perylene-d12	24.90	264	327481	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	37852	16.61	ng		0.00
7) Phenol-d6	7.21	99	53650	16.44	ng		0.00
23) Nitrobenzene-d5	9.21	82	64429	20.10	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	27273	19.33	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	167207	20.19	ng		0.00
78) Terphenyl-d14	20.02	244	260528	18.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	8109	7.623	ng		93
3) Pyridine	3.93	79	21880	7.328	ng	#	93
4) n-Nitrosodimethylamine	3.84	42	11077	8.329	ng	#	85
6) Aniline	7.37	93	35990	8.688	ng		98
8) 2-Chlorophenol	7.61	128	21670	8.767	ng		92
9) Benzaldehyde	7.19	77	21562	9.594	ng		98
10) Phenol	7.23	94	28908	8.464	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	29731	10.981	ng		96
12) 1,3-Dichlorobenzene	7.94	146	27928	9.895	ng		88
13) 1,4-Dichlorobenzene	8.08	146	27979	9.818	ng		99
14) 1,2-Dichlorobenzene	8.40	146	27003	9.922	ng		97
15) Benzyl Alcohol	8.29	79	21675	8.239	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	54038	9.897	ng		99
17) 2-Methylphenol	8.49	107	20887	9.211	ng		97
18) Hexachloroethane	9.13	117	10543	10.319	ng		88
19) n-Nitroso-di-n-propylamine	8.85	70	24326	9.974	ng		97
20) 3+4-Methylphenols	8.82	107	29204	9.224	ng		96
22) Acetophenone	8.87	105	41921	9.180	ng	#	98
24) Nitrobenzene	9.25	77	35990	10.414	ng		96
25) Isophorone	9.77	82	57837	9.084	ng		99
26) 2-Nitrophenol	9.96	139	12325	9.000	ng		98
27) 2,4-Dimethylphenol	10.02	122	20129	7.939	ng		89
28) bis(2-Chloroethoxy)methane	10.26	93	35706	9.138	ng		98
29) 2,4-Dichlorophenol	10.50	162	22795	8.203	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	31309	9.631	ng		93
31) Naphthalene	10.90	128	85333	9.817	ng		97
32) Benzoic acid	10.11	122	11106m	6.333	ng		
33) 4-Chloroaniline	11.01	127	37155	9.328	ng		98
34) Hexachlorobutadiene	11.19	225	21507	9.847	ng		95
35) Caprolactam	11.77	113	8909	8.048	ng	#	89
36) 4-Chloro-3-methylphenol	12.13	107	27138	8.405	ng		97
37) 2-Methylnaphthalene	12.51	142	64082	10.075	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	41719	9.967	ng		99
40) Hexachlorocyclopentadiene	12.85	237	17649	8.104	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	21914	8.595	ng		91
43) 2,4,5-Trichlorophenol	13.18	196	22545	8.290	ng		96
45) 1,1'-Biphenyl	13.51	154	95251	9.702	ng		94
46) 2-Chloronaphthalene	13.55	162	74162	9.895	ng		97
47) 2-Nitroaniline	13.76	65	23845	10.131	ng		93
48) Acenaphthylene	14.40	152	115232	9.838	ng		97
49) Dimethylphthalate	14.12	163	98370	10.186	ng		99
50) 2,6-Dinitrotoluene	14.24	165	20843	10.488	ng		91
51) Acenaphthene	14.74	154	68751	9.165	ng		99
52) 3-Nitroaniline	14.58	138	21154	9.878	ng		96
53) 2,4-Dinitrophenol	14.79	184	4789m	6.362	ng		
54) Dibenzofuran	15.07	168	119660	10.181	ng		99
55) 4-Nitrophenol	14.89	139	10714	6.119	ng		90
56) 2,4-Dinitrotoluene	15.03	165	27695	10.693	ng		91
57) Fluorene	15.72	166	89123	10.144	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	23023	9.011	ng	#	94
59) Diethylphthalate	15.49	149	99945	10.269	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	55781	10.282	ng		96
61) 4-Nitroaniline	15.74	138	23347	10.418	ng		95
62) Azobenzene	16.00	77	96547	9.749	ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	12194	8.978	ng		96
65) n-Nitrosodiphenylamine	15.93	169	88511	9.634	ng		95
66) 4-Bromophenyl-phenylether	16.61	248	34942	9.652	ng		96
67) Hexachlorobenzene	16.73	284	36331	9.815	ng		96
68) Atrazine	16.87	200	35754	10.368	ng		97
69) Pentachlorophenol	17.07	266	17916	7.121	ng		93
70) Phenanthrene	17.46	178	158037	10.059	ng		98
71) Anthracene	17.55	178	152863	9.761	ng		98
72) Carbazole	17.82	167	153856	9.837	ng		97
73) Di-n-butylphthalate	18.38	149	171727	9.860	ng		97
74) Fluoranthene	19.47	202	194580	10.158	ng		97
76) Benzidine	19.65	184	102838	10.053	ng		98
77) Pyrene	19.83	202	199547	10.120	ng		95
79) Butylbenzylphthalate	20.71	149	74808	9.533	ng		97
80) Benzo(a)anthracene	21.67	228	190294	9.796	ng		97
81) 3,3'-Dichlorobenzidine	21.58	252	72238	9.331	ng		99
82) Chrysene	21.73	228	182718	9.924	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	106351	9.685	ng		98
84) Di-n-octyl phthalate	22.78	149	173352	9.452	ng		100
85) Indeno(1,2,3-cd)pyrene	28.55	276	189120	8.843	ng		99
87) Benzo(b)fluoranthene	23.88	252	172361	9.478	ng		98
88) Benzo(k)fluoranthene	23.94	252	172807	9.727	ng		98
89) Benzo(a)pyrene	24.75	252	167156	9.566	ng		98
90) Dibenzo(a,h)anthracene	28.61	278	157774	9.352	ng		96
91) Benzo(g,h,i)perylene	29.68	276	155220	9.156	ng		95

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

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