Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073020\
Data File : BG046109.D
Acq On : 30 Jul 2020 13:53
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 30 18:45:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 16:37:34 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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7/31/2020 12:04:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	94206	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	369030	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	237713	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	549584	20.00	ng		0.00
76) Chrysene-d12	21.57	240	607508	20.00	ng		0.00
86) Perylene-d12	24.67	264	635283	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	52105	8.97	ng		0.00
7) Phenol-d6	7.12	99	71859	8.59	ng		0.00
23) Nitrobenzene-d5	9.10	82	63437	9.89	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	30817	13.97	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	175595	11.52	ng		0.00
79) Terphenyl-d14	19.93	244	331565	12.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	11439	4.268	ng	#	96
3) Pyridine	3.85	79	31709	3.913	ng		99
4) n-Nitrosodimethylamine	3.76	42	13133	4.793	ng	#	89
6) Aniline	7.28	93	43069	4.025	ng		99
8) 2-Chlorophenol	7.52	128	30872	4.937	ng		95
9) Benzaldehyde	7.09	77	22464	4.239	ng		98
10) Phenol	7.14	94	37357	4.453	ng		95
11) bis(2-Chloroethyl)ether	7.38	93	29964	4.319	ng		98
12) 1,3-Dichlorobenzene	7.85	146	37184	5.159	ng		98
13) 1,4-Dichlorobenzene	7.99	146	37870	5.341	ng		94
14) 1,2-Dichlorobenzene	8.31	146	36188	5.303	ng		97
15) Benzyl Alcohol	8.19	79	22732	3.466	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	51583	5.699	ng		98
17) 2-Methylphenol	8.39	107	23987	3.810	ng		98
18) Hexachloroethane	9.04	117	11869	4.350	ng		91
19) n-Nitroso-di-n-propylamine	8.76	70	23668	4.028	ng		94
20) 3+4-Methylphenols	8.72	107	31562	3.679	ng		96
22) Acetophenone	8.77	105	46047	4.671	ng	#	95
24) Nitrobenzene	9.14	77	34061	4.813	ng		95
25) Isophorone	9.67	82	60183	3.845	ng		96
26) 2-Nitrophenol	9.86	139	12435	5.391	ng		97
27) 2,4-Dimethylphenol	9.93	122	24533	4.404	ng		92
28) bis(2-Chloroethoxy)methane	10.16	93	35249	4.011	ng		96
29) 2,4-Dichlorophenol	10.40	162	25920	4.494	ng		99
30) 1,2,4-Trichlorobenzene	10.61	180	34606	5.416	ng		95
31) Naphthalene	10.80	128	96812	4.894	ng		98
33) 4-Chloroaniline	10.91	127	34520	3.905	ng		95
34) Hexachlorobutadiene	11.10	225	23167	6.209	ng		97
35) Caprolactam	11.64	113	7652	3.495	ng		93
36) 4-Chloro-3-methylphenol	12.03	107	26318	4.007	ng		97
37) 2-Methylnaphthalene	12.41	142	74591	5.304	ng		98
38) 1-Methylnaphthalene	12.63	142	71235	5.367	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	42306	6.313	ng		98
41) Hexachlorocyclopentadiene	12.76	237	21917	5.512	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.02	196	21788	4.808	ng		96
44) 2,4,5-Trichlorophenol	13.08	196	25160	4.910	ng		97
46) 1,1'-Biphenyl	13.42	154	93856	5.249	ng		95
47) 2-Chloronaphthalene	13.46	162	74549	5.284	ng		99
48) 2-Nitroaniline	13.65	65	14378	4.354	ng		97
49) Acenaphthylene	14.30	152	115184	5.060	ng		96
50) Dimethylphthalate	14.03	163	89493	5.016	ng		98
51) 2,6-Dinitrotoluene	14.14	165	18174	6.565	ng		93
52) Acenaphthene	14.64	154	71711	4.994	ng		97
53) 3-Nitroaniline	14.47	138	15985	4.660	ng		87
55) Dibenzofuran	14.98	168	118728	5.641	ng		96
57) 2,4-Dinitrotoluene	14.93	165	23300	6.812	ng	#	97
58) Fluorene	15.63	166	94397	5.467	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	23789	6.013	ng		99
60) Diethylphthalate	15.40	149	87184	4.660	ng		96
61) 4-Chlorophenyl-phenylether	15.63	204	48546	5.651	ng		98
62) 4-Nitroaniline	15.63	138	16466	4.466	ng		96
63) Azobenzene	15.91	77	82637	4.115	ng		97
66) n-Nitrosodiphenylamine	15.83	169	77441	4.547	ng		94
67) 4-Bromophenyl-phenylether	16.52	248	32009	5.215	ng		94
68) Hexachlorobenzene	16.64	284	37081	6.020	ng		97
69) Atrazine	16.78	200	29217	5.802	ng		96
71) Phenanthrene	17.36	178	157345	5.415	ng		98
72) Anthracene	17.45	178	154911	5.254	ng		96
73) Carbazole	17.72	167	142566	4.824	ng		98
74) Di-n-butylphthalate	18.29	149	146502	4.102	ng		97
75) Fluoranthene	19.37	202	201785	6.008	ng		96
77) Benzidine	19.55	184	63979	3.683	ng		97
78) Pyrene	19.73	202	211797	5.107	ng		94
80) Butylbenzylphthalate	20.63	149	60173	3.071	ng		98
81) Benzo(a)anthracene	21.55	228	211394	5.292	ng		95
82) 3,3'-Dichlorobenzidine	21.47	252	72682	4.924	ng		99
83) Chrysene	21.61	228	210005	5.518	ng		95
84) Bis(2-ethylhexyl)phthalate	21.48	149	101563	3.570	ng		93
85) Di-n-octyl phthalate	22.66	149	155799	3.156	ng		100
87) Indeno(1,2,3-cd)pyrene	28.18	276	221931	4.775	ng		98
88) Benzo(b)fluoranthene	23.69	252	209103	5.185	ng		93
89) Benzo(k)fluoranthene	23.76	252	214229m	5.618	ng		
90) Benzo(a)pyrene	24.53	252	187222	4.937	ng		99
91) Dibenzo(a,h)anthracene	28.25	278	188289	5.023	ng		98
92) Benzo(g,h,i)perylene	29.27	276	191287	5.071	ng		99

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

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