Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070620\
Data File : BG045944.D
Acq On : 6 Jul 2020 17:40
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
7/7/2020 12:03:20 PM

Quant Time: Jul 07 02:13:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 00:57:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	125515	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	510543	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	319013	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	668831	20.00	ng		0.00
76) Chrysene-d12	21.63	240	657709	20.00	ng		0.00
86) Perylene-d12	24.79	264	681022	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	83916	11.29	ng		0.00
7) Phenol-d6	7.16	99	120350	10.65	ng		0.00
23) Nitrobenzene-d5	9.16	82	81807	7.32	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	27385	5.69	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	225433	10.38	ng		0.00
79) Terphenyl-d14	19.99	244	359311	11.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	18425	5.414	ng	#	92
3) Pyridine	3.91	79	53675	5.323	ng		92
4) n-Nitrosodimethylamine	3.82	42	15178	4.484	ng	#	88
6) Aniline	7.33	93	75596	5.681	ng		97
8) 2-Chlorophenol	7.57	128	45949	5.777	ng		96
9) Benzaldehyde	7.14	77	34799	5.126	ng		99
10) Phenol	7.19	94	60121	5.490	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	48821	5.869	ng		91
12) 1,3-Dichlorobenzene	7.90	146	50469	5.325	ng		97
13) 1,4-Dichlorobenzene	8.04	146	48708	5.145	ng		94
14) 1,2-Dichlorobenzene	8.36	146	48299	5.329	ng		96
15) Benzyl Alcohol	8.24	79	46516	5.318	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	60093	7.666	ng		93
17) 2-Methylphenol	8.44	107	43577	5.347	ng		93
18) Hexachloroethane	9.09	117	19674	5.472	ng		89
19) n-Nitroso-di-n-propylamine	8.81	70	44236	5.953	ng		93
20) 3+4-Methylphenols	8.76	107	61326	5.722	ng		92
22) Acetophenone	8.82	105	70274	5.015	ng	#	92
24) Nitrobenzene	9.20	77	41632	3.494	ng	#	94
25) Isophorone	9.73	82	111148	5.137	ng	#	98
26) 2-Nitrophenol	9.92	139	14004	2.821	ng		91
27) 2,4-Dimethylphenol	9.98	122	38016	5.016	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	61959	5.483	ng		95
29) 2,4-Dichlorophenol	10.45	162	39727	4.493	ng		89
30) 1,2,4-Trichlorobenzene	10.67	180	44308	4.232	ng		90
31) Naphthalene	10.86	128	143104	5.127	ng		98
33) 4-Chloroaniline	10.96	127	64842	5.547	ng		96
34) Hexachlorobutadiene	11.16	225	26151	3.513	ng		97
35) Caprolactam	11.69	113	15529	5.427	ng	#	71
36) 4-Chloro-3-methylphenol	12.07	107	46143	4.519	ng		96
37) 2-Methylnaphthalene	12.46	142	100977	4.858	ng		98
38) 1-Methylnaphthalene	12.68	142	96176	4.890	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	45450	4.327	ng		99
41) Hexachlorocyclopentadiene	12.82	237	25304	5.308	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.06	196	29753m	4.178	ng		
44) 2,4,5-Trichlorophenol	13.13	196	34163	4.209	ng		95
46) 1,1'-Biphenyl	13.47	154	124429	5.448	ng		98
47) 2-Chloronaphthalene	13.51	162	99836	5.411	ng		99
48) 2-Nitroaniline	13.69	65	19038	3.102	ng		91
49) Acenaphthylene	14.35	152	163284	5.525	ng		96
50) Dimethylphthalate	14.08	163	130850	5.236	ng		99
51) 2,6-Dinitrotoluene	14.19	165	15115	2.693	ng		91
52) Acenaphthene	14.69	154	99962	5.581	ng		99
53) 3-Nitroaniline	14.52	138	18578	3.314	ng	#	90
55) Dibenzofuran	15.03	168	153752	5.284	ng		97
57) 2,4-Dinitrotoluene	14.97	165	16289	2.025	ng	#	93
58) Fluorene	15.67	166	128375	5.306	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.25	232	25313	3.593	ng	#	96
60) Diethylphthalate	15.45	149	140161	5.486	ng		95
61) 4-Chlorophenyl-phenylether	15.67	204	63851	4.578	ng		94
62) 4-Nitroaniline	15.67	138	20704	3.598	ng		94
63) Azobenzene	15.96	77	144830	5.904	ng		98
66) n-Nitrosodiphenylamine	15.88	169	113917	6.013	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	39210	4.512	ng		96
68) Hexachlorobenzene	16.68	284	40981	4.548	ng		98
69) Atrazine	16.83	200	31635	4.303	ng		96
70) Pentachlorophenol	17.02	266	18273	4.939	ng		95
71) Phenanthrene	17.41	178	195244	5.660	ng		98
72) Anthracene	17.51	178	198272	5.772	ng		98
73) Carbazole	17.77	167	200597	6.133	ng		93
74) Di-n-butylphthalate	18.35	149	255481	6.597	ng	#	95
75) Fluoranthene	19.42	202	238117	5.614	ng		95
77) Benzidine	19.60	184	88642	5.184	ng		98
78) Pyrene	19.78	202	247677	5.624	ng		93
80) Butylbenzylphthalate	20.68	149	105512	5.723	ng		96
81) Benzo(a)anthracene	21.61	228	241161	5.656	ng		95
82) 3,3'-Dichlorobenzidine	21.52	252	84679	5.250	ng		95
83) Chrysene	21.68	228	231105	5.603	ng		95
84) Bis(2-ethylhexyl)phthalate	21.56	149	171617	6.693	ng		94
85) Di-n-octyl phthalate	22.76	149	299349	6.768	ng		98
87) Indeno(1,2,3-cd)pyrene	28.37	276	280751	5.687	ng		98
88) Benzo(b)fluoranthene	23.79	252	251195	5.883	ng		98
89) Benzo(k)fluoranthene	23.86	252	230523	5.641	ng		98
90) Benzo(a)pyrene	24.63	252	230899	5.789	ng		96
91) Dibenzo(a,h)anthracene	28.44	278	233101	5.888	ng		98
92) Benzo(g,h,i)perylene	29.47	276	235167	5.934	ng		97

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

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