Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021021\
Data File : BG048131.D
Acq On : 10 Feb 2021 14:55
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
2/11/2021 9:49:23 AM

Quant Time: Feb 10 16:45:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 15:05:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	50470	20.00	ng		# 0.00
21) Naphthalene-d8	10.917	136	200075	20.00	ng		# 0.00
39) Acenaphthene-d10	14.730	164	149763	20.00	ng		0.00
64) Phenanthrene-d10	17.468	188	376988	20.00	ng		# 0.00
76) Chrysene-d12	21.740	240	367243	20.00	ng		# 0.00
86) Perylene-d12	25.007	264	380270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.659	112	280330	85.36	ng		0.00
7) Phenol-d6	7.251	99	427919	85.70	ng		0.00
23) Nitrobenzene-d5	9.266	82	453526	89.69	ng		0.00
42) 2,4,6-Tribromophenol	16.211	330	232666	93.28	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	1004893	86.75	ng		0.00
79) Terphenyl-d14	20.071	244	1771446	83.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.549	88	65125	44.49	ng		92
3) Pyridine	3.949	79	181857m	41.39	ng		
4) n-Nitrosodimethylamine	3.855	42	94258	46.42	ng		78
6) Aniline	7.427	93	258346	42.83	ng		90
8) 2-Chlorophenol	7.668	128	155674	45.29	ng		90
9) Benzaldehyde	7.239	77	141642	55.30	ng		87
10) Phenol	7.280	94	215604	45.05	ng		76
11) bis(2-Chloroethyl)ether	7.515	93	163151	43.52	ng		99
12) 1,3-Dichlorobenzene	7.997	146	176869	42.63	ng	#	92
13) 1,4-Dichlorobenzene	8.138	146	175535m	42.20	ng		
14) 1,2-Dichlorobenzene	8.461	146	170884m	43.04	ng		
15) Benzyl Alcohol	8.338	79	195739	46.33	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.626	45	213151	40.52	ng		94
17) 2-Methylphenol	8.538	107	141215	43.66	ng	#	84
18) Hexachloroethane	9.196	117	67280	41.46	ng		87
19) n-Nitroso-di-n-propyla...	8.908	70	165979	45.54	ng	#	97
20) 3+4-Methylphenols	8.867	107	201491	45.02	ng		88
22) Acetophenone	8.925	105	263573	42.75	ng	#	92
24) Nitrobenzene	9.313	77	236331	46.67	ng	#	87
25) Isophorone	9.836	82	444489	48.98	ng	#	94
26) 2-Nitrophenol	10.024	139	100556	48.26	ng	#	74
27) 2,4-Dimethylphenol	10.071	122	143743	47.48	ng		91
28) bis(2-Chloroethoxy)met...	10.312	93	213859	39.17	ng		96
29) 2,4-Dichlorophenol	10.559	162	184476	47.36	ng		96
30) 1,2,4-Trichlorobenzene	10.776	180	203437	43.20	ng		97
31) Naphthalene	10.970	128	519812	44.93	ng		100
32) Benzoic acid	10.212	122	106640	39.33	ng	#	65
33) 4-Chloroaniline	11.070	127	227484	43.03	ng	#	92
34) Hexachlorobutadiene	11.252	225	151052	45.16	ng		97
35) Caprolactam	11.845	113	63474	42.81	ng		94
36) 4-Chloro-3-methylphenol	12.180	107	205378	46.99	ng		90
37) 2-Methylnaphthalene	12.562	142	407996	46.70	ng	#	90
38) 1-Methylnaphthalene	12.780	142	374272	44.90	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.927	216	259255	45.41	ng	#	98
41) Hexachlorocyclopentadiene	12.909	237	162346	50.20	ng		99
43) 2,4,6-Trichlorophenol	13.162	196	187731	47.15	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	204496	49.56	ng	#	93
46) 1,1'-Biphenyl	13.567	154	511122	44.15	ng		99
47) 2-Chloronaphthalene	13.608	162	433616	43.04	ng		97
48) 2-Nitroaniline	13.802	65	160435	43.87	ng	#	76
49) Acenaphthylene	14.454	152	670088	45.06	ng		99
50) Dimethylphthalate	14.178	163	583083	43.02	ng		99
51) 2,6-Dinitrotoluene	14.296	165	135565	48.11	ng	#	63
52) Acenaphthene	14.795	154	468305	46.52	ng		99
53) 3-Nitroaniline	14.630	138	130241	42.13	ng		81
54) 2,4-Dinitrophenol	14.830	184	93685	53.17	ng	#	66
55) Dibenzofuran	15.124	168	705997	46.24	ng		96
56) 4-Nitrophenol	14.924	139	110628	45.87	ng	#	51
57) 2,4-Dinitrotoluene	15.083	165	195898	48.14	ng	#	75
58) Fluorene	15.770	166	552036	44.97	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.347	232	196825	47.70	ng		95
60) Diethylphthalate	15.541	149	596272	42.79	ng		96
61) 4-Chlorophenyl-phenyle...	15.764	204	339743	45.19	ng		96
62) 4-Nitroaniline	15.788	138	133532	39.66	ng	#	56
63) Azobenzene	16.058	77	593312	45.23	ng		91
65) 4,6-Dinitro-2-methylph...	15.841	198	137403	56.47	ng		84
66) n-Nitrosodiphenylamine	15.976	169	513264	45.30	ng		98
67) 4-Bromophenyl-phenylether	16.657	248	231375	45.93	ng		98
68) Hexachlorobenzene	16.775	284	239300	43.68	ng		97
69) Atrazine	16.922	200	213822	49.69	ng		99
70) Pentachlorophenol	17.116	266	165160	49.65	ng		99
71) Phenanthrene	17.515	178	946263	43.51	ng		97
72) Anthracene	17.603	178	947507	44.30	ng		97
73) Carbazole	17.868	167	884148	44.29	ng		99
74) Di-n-butylphthalate	18.420	149	971416	39.85	ng	#	98
75) Fluoranthene	19.513	202	1210079	42.43	ng		97
77) Benzidine	19.689	184	580543	54.80	ng		98
78) Pyrene	19.877	202	1204309	44.78	ng		99
80) Butylbenzylphthalate	20.753	149	434803	42.33	ng		90
81) Benzo(a)anthracene	21.722	228	1198135	44.89	ng		99
82) 3,3'-Dichlorobenzidine	21.634	252	442751	49.23	ng	#	98
83) Chrysene	21.793	228	1143248	45.08	ng		99
84) Bis(2-ethylhexyl)phtha...	21.622	149	606290	43.09	ng		96
85) Di-n-octyl phthalate	22.850	149	1031282	43.82	ng		96
87) Indeno(1,2,3-cd)pyrene	28.737	276	1348884	44.10	ng	#	89
88) Benzo(b)fluoranthene	23.972	252	1226401	45.38	ng	#	97
89) Benzo(k)fluoranthene	24.043	252	1175353	44.75	ng	#	98
90) Benzo(a)pyrene	24.854	252	1141983	44.99	ng	#	97
91) Dibenzo(a,h)anthracene	28.796	278	1156835	45.83	ng	#	95
92) Benzo(g,h,i)perylene	29.901	276	1129333	46.44	ng	#	93

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

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